

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	486	reverse NEAR4 acoustic\$5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/22 17:27
<i>run</i> 12	20	(reverse NEAR4 acoustic\$5) SAME (simulat\$6 or model\$4 or analysis or analyses or assess\$6)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/22 17:27

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reverse acoustic analysis

Search

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[Preferences](#)**Web**Results 1 - 10 of about **987,000** for **reverse acoustic analysis**. (0.22 seconds)**SwRI: Reservoir Geophysics Research Program Capabilities, seismic ...**Evaluation of Crosswell Seismic Tomography and **Reverse VSP** at the Savannah River Site, ... seismic **analysis**. **acoustic analysis**. electromagnetic **analysis** ...[www.swri.org/4org/d15/electsys/resgeo/wsrc.htm](http://www.swri.org/4org/d15/electsys/resgeo/wsrc.htm) - 11k - [Cached](#) - [Similar pages](#)**SwRI: Reservoir Geophysics Research Program Capabilities, seismic ...**J.O. Parra, C.L Hackert, and P.-C Xu, "Attenuation **analysis** of **acoustic** waveforms in ... Evaluation of Crosswell Seismic Tomography and **Reverse VSP** at the ...[www.swri.org/4org/d15/electsys/resgeo/pres.htm](http://www.swri.org/4org/d15/electsys/resgeo/pres.htm) - 16k - [Cached](#) - [Similar pages](#)[ [More results from www.swri.org](#) ]**Welcome to the Transcendata Europe Website**AAL has been receiving more and more requests for **reverse** engineering services, typically from ... "**Acoustic analysis** is a classic case in point," he adds. ...[www.fegs.co.uk/aal2.html](http://www.fegs.co.uk/aal2.html) - 15k - [Cached](#) - [Similar pages](#)**[PDF] Acoustic Comparison of Vowel Articulation in Normal and Reverse ...**

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tion (expiratory versus **reverse**) on the **acoustic** features. of vowel production. ... **Acoustic analysis** of vowel emission in obstructive sleep ...[jslhr.asha.org/cgi/reprint/44/1/118.pdf](http://jslhr.asha.org/cgi/reprint/44/1/118.pdf) - [Similar pages](#)**[PDF] Quantitative and Graphic Acoustic Analysis of Phonatory ...**

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widely used **acoustic analysis** tool for voice quality de- scriptions (Kent, Vorperian, & Duffy ... this pattern in **reverse**. Prior to FFT **analysis**, data from ...[jslhr.asha.org/cgi/reprint/46/2/475.pdf](http://jslhr.asha.org/cgi/reprint/46/2/475.pdf) - [Similar pages](#)**Matrizant approach to acoustic analysis of perforated multiple ...**Matrizant approach to **acoustic analysis** of perforated multiple pipe mufflers ... of the method is demonstrated on a plug muffler and a **reverse** flow muffler. ...[cat.inist.fr/?aModele=afficheN&cpsidt=3057296](http://cat.inist.fr/?aModele=afficheN&cpsidt=3057296) - [Similar pages](#)**Is acoustic analysis of snoring an alternative to sleep ...**Previous studies have suggested that **acoustic analysis** may be useful in ... It should also be noted that in one of the 12, the **reverse** was true. ...[www.blackwell-synergy.com/links/doi/10.1111%2Fj.1365-2273.2004.00800.x](http://www.blackwell-synergy.com/links/doi/10.1111%2Fj.1365-2273.2004.00800.x) -[Similar pages](#)**Acoustic analysis of induced vocal stress by means of cognitive ...****Acoustic analysis** was used to measure stress and workload in four experimental tasks ... and the fourth was spelling the Spanish alphabet in **reverse** order. ...[www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=9763177&dopt=Abstract)[db=PubMed&list\\_uids=9763177&dopt=Abstract](#) - [Similar pages](#)**[PDF] Analysis, Phasing, and Matching of 3-Phase, Unidirectional ...**

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25-track **analysis** were found t o. be about 2 CPU-minuter per frequency step. ... **reverse acoustic** power and i s. selected as the measure of sensitivity ...[ieeexplore.ieee.org/iel5/10283/32716/01534951.pdf?arnumber=1534951](http://ieeexplore.ieee.org/iel5/10283/32716/01534951.pdf?arnumber=1534951) - [Similar pages](#)

**JSTOR: An Acoustic Analysis of Shawnee: I**

**AN ACOUSTIC ANALYSIS** OF SHAWNEE as low a second formant as the (p), though it is low ... or velar segments, the path is approximately the **reverse** of this. ...  
links.jstor.org/sici?sici=0020-7071(195801)24%3A1%3C20%3AAAAOSI%3E2.0.CO%3B2-0  
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**Diaz, Susanna M.**

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**From:** Finley, Robert (ASRC)  
**Sent:** Thursday, March 22, 2007 11:40 AM  
**To:** Diaz, Susanna M.  
**Subject:** Results of search on 09/709323

Ms. Diaz:

Attached are the results of your search request regarding:  
SOUND CONTROL METHOD

Please let me know if need you anything further.

Bob Finley

**Robert Finley (ASRC)**

EIC 3600

Knox 4B68

571.272.8952



Search on Search on  
'09323-full.'323-tagge

Search on 09/709323

To navigate this document: use FIND function {Ctrl-F}  
~~ will find the beginning of each group of results  
^ will find the tagged items

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~~ Patent Literature: Inventor search

File 347:JAPIO Dec 1976-2006/Nov(Updated 070228)  
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File 348:EUROPEAN PATENTS 1978-2007/ 200708  
(c) 2007 European Patent Office  
File 349:PCT FULLTEXT 1979-2007/UB=20070315UT=20070308  
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File 350:Derwent WPIX 1963-2006/UD=200719  
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Set	Items	Description
S1	108	AU=FAY R?
S2	5	AU=GELIN L?
S3	8	AU=BABINEAU F?
S4	14	AU=TINIANOV B?
S5	124	S1 OR S2 OR S3 OR S4
S6	1	S5 AND IC=(G06F OR G06Q)

~~ Non-Patent Literature: Inventor search [part A]

File 2:INSPEC 1898-2007/Mar W2  
(c) 2007 Institution of Electrical Engineers  
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 (c) 2007 FIZ TECHNIK  
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 (c) 2006 Elsevier B.V.  
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 File 104:AeroBase 1999-2007/Mar  
 (c) 2007 Contains copyrighted material  
 File 134:Earthquake Engineering Abstracts 1966-2007/Mar  
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Set	Items	Description
S1	544	AU=(FAY, R? OR FAY R? OR FAY(2N)R?) OR BY=FAY(2N)R?
S2	11	AU=(GELIN, L? OR GELIN L? OR GELIN(2N)L?) OR BY=GELIN(2N)L?
S3	4	AU=(BABINEAU, F? OR BABINEAU F? OR BABINEAU(2N)F?) OR BY=B- ABINEAU(2N)F?
S4	21	AU=(TINIANOV, B? OR TINIANOV B? OR TINIANOV(2N)B?) OR BY=T- INIANOV(2N)B?
S5	576	S1 OR S2 OR S3 OR S4
S6	228	S5 AND (NOISE OR SOUND OR SOUNDS OR ACOUSTIC OR ACOUSTICS - OR ACOUSTICALLY OR AUDIO OR AUDITORY OR AURAL OR AURALI?ATION OR HARMONIC OR HARMONICS)
S7	29	S6 AND (ROOM OR ROOMS OR BUILDING OR BUILDINGS OR ARCHITEC- TUR?? OR CONSTRUCTION OR HOUSE? ? OR HOUSING OR STRUCTUR??)
S8	12	S7 NOT PY>2000
S9	9	RD (unique items)

A 9/3,K/1 (Item 1 from file: 2)

DIALOG(R)File 2:INSPEC

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07784751 INSPEC Abstract Number: A2001-02-4385D-007

Title: Recent measurements of total energy density using a unique transducer array

Author(s): Tinianov, B.

Author Affiliation: Johns Manville Tech. Center, Littleton, CO, USA

Journal: Canadian Acoustics Conference Title: Can. Acoust. (Canada)

vol.28, no.3 p.18-19

Publisher: Canadian Acoust. Assoc,

Publication Date: Sept. 2000 Country of Publication: Canada

CODEN: CAACDX ISSN: 0711-6659

SICI: 0711-6659(200009)28:3L:18:RMTE;1-K

Material Identity Number: B883-2000-004

Conference Title: Acoustic Week in Canada (papers in summary form only received)

Conference Date: Oct. 2000 Conference Location: Sherbrook, Que., Canada

Language: English

Subfile: A

Copyright 2000, IEE

Author(s): Tinianov, B.

Abstract: Contemporary laboratory test methods determine the sound power of a noise source by sampling the sound pressure in a reverberant field. While these tests allow for a convenient assessment, they falsely assume that either the sound field is ideally diffuse, or that the sampled data adequately represent the average sound pressure in the room. The research of Budhiantho (1997), developed theoretical probability density functions for the potential, kinetic, and total energy densities were modeled in a reverberant sound field. These models suggest that the variance of the total energy density is one half that of the potential energy density approximated by the sound pressure in current test methods and such measurements could yield more accurate results. Experiments were...

Descriptors: acoustic field...

... acoustic intensity measurement...

... acoustic transducer arrays  
...Identifiers: sound power...

... noise source...

... sound pressure

~~ Non-Patent Literature: Inventor search [part B]

File 148:Gale Group Trade & Industry DB 1976-2007/Mar 12  
(c)2007 The Gale Group  
File 160:Gale Group PROMT(R) 1972-1989  
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(c) 2007 Commonwealth Bus. Media

Set	Items	Description
S1	162	AU=(FAY, R? OR FAY R? OR FAY(2N)R?) OR BY=FAY(2N)R?
S2	56	AU=(GELIN, L? OR GELIN L? OR GELIN(2N)L?) OR BY=GELIN(2N)L?
S3	0	AU=(BABINEAU, F? OR BABINEAU F? OR BABINEAU(2N)F?) OR BY=B- ABINEAU(2N)F?
S4	1	AU=(TINIANOV, B? OR TINIANOV B? OR TINIANOV(2N)B?) OR BY=T- INIANOV(2N)B?
S5	219	S1 OR S2 OR S4
S6	27	S5 AND (NOISE OR SOUND OR SOUNDS OR ACOUSTIC OR ACOUSTICS -

OR ACOUSTICALLY OR AUDIO OR AUDITORY OR AURAL OR AURALI?ATION  
OR HARMONIC OR HARMONICS)  
S7 3 S6 AND (ROOM OR ROOMS OR BUILDING OR BUILDINGS OR ARCHITEC-  
TUR?? OR CONSTRUCTION OR HOUSE? ? OR HOUSING OR STRUCTUR??)  
S8 2 S7 NOT PY>2000

~~ Non-Patent Literature: Full Text [group 1 or 3]  
Dialog files: 9,15,476,610,613,624,634,810,813,625,637

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S1	1251321	NOISE OR NOISY OR SOUND OR SOUNDS OR ACOUSTIC OR ACOUSTICS OR ACOUSTICALLY OR SONIC OR AUDIBLE OR AUDIBLY OR AUDIO OR AU- DITORY OR AURAL OR HEARING OR PHONIC OR AURALI?ATION OR HARMO- NIC OR HARMONICS
S2	1596889	DECIBEL OR DECIBELS OR DB OR PRESSURE()(LEVEL OR LEVELS) OR PARAMETER OR PARAMETERS OR PARAMETRIC OR PARAMETRICS OR METR- ICS OR CRITERIA OR MEASURE? ? OR MEASUREMENT? ?
S3	3060394	PROPAGATE??? OR DISPERS??? OR TRANSMIT?? OR TRANSMISSION OR ABATEMENT OR ABATING OR ABATE? ? OR CONTROL??? OR QUIET??? OR QUIETEN??? OR RAY()TRACING OR INSULAT??? OR DAMPEN OR HUSH OR SILENC??? OR ASSUAGE???
S4	4816674	SOLUTION? ? MEDIAT??? OR RESOLUTION? ? OR PERFORMANCE OR P- ERFORMING OR ACCOMPLISH??? OR ACCOMPLISHMENT OR OBJECTIVE?? OR GOAL OR GOALS OR EFFICIEN?? OR OPTIMIZING OR SOLVE OR SOLVING OR RESOLVE OR RESOLVING
S5	4975823	ROOM OR ROOMS OR BUILDING OR BUILDINGS OR ARCHITECTUR?? OR CONSTRUCTION OR HOUSE? ? OR HOUSING OR STRUCTUR?? OR EDIFICE? ? OR HIGHRISES OR HIGH()RISE? ? OR APARTMENTS
S6	16447	S1(8N)S2
S7	45398	S1(8N)S3
S8	2097	S6(2S)S7
S9	286318	S4(12N)S5
S10	62	S8(2S)S9
S11	29	S10 NOT PY>2000
S12	27	RD (unique items)

^ 12/3,K/3 (Item 1 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
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02517950 116355182  
Acoustical considerations in planning and design of library facilities  
Wrightson, Denelle; Wrightson, John M

...TEXT: be compromised by penetration for ducts, outlet boxes, and so on. To achieve its rated performance, it must also extend through the ceiling to the roof deck or structure above (see Figure 2). Many architects are used to specifying walls that are only as...

...what are the STC ratings for partitions surrounding sensitive or noisy spaces and the expected noise levels on hoped for "quiet" side of the partition. This should not be seen as challenging the design team, only as a verification that the needs of the library have been taken into consideration.

#### Noise criteria (NC)

Noise criteria (NC), like STC, boils a complex acoustical characteristic into a single value. The NC level...

^ 12/3,K/8 (Item 6 from file: 15)  
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02055268 57944078  
Great expectations--sound insulation in office buildings  
Bridges, John  
Safety & Health Practitioner v18n6 PP: 37-38 Jun 2000  
ISSN: 0958-479X JRNL CODE: SHP  
WORD COUNT: 1282

...TEXT: to adjacent areas. Ultimately, it is the concept of privacy itself that should be the goal and not the level of sound insulation. A room with poor sound insulation could still be private despite a high level of background noise in the listening room. Conversely, a room with high sound insulation does not guarantee privacy even when the listening room is very quiet.

Sound insulation is, however, the objective parameter that is commonly set and measured. It should therefore take account of the intended use...

...Partition din

Fit-out specifications for partitioned offices are often inadequate in terms of the acoustic parameters to be achieved. To avoid this there are two main options:

1. Specify the level of sound insulation to be achieved when the works are completed. This makes the contractor fully responsible for...

...w value, which is the measure used in ISO 140/4. Essentially, it is the measured sound difference between two rooms, corrected to a standard condition. If several offices need testing, a simplified measurement method can often be derived. An acoustic consultant would advise on the design targets and methods of test.

2. Specify the sound insulation performance of the individual building elements, the main ones being the partition, suspended ceiling and raised floor. This can be...

...but may not achieve the required end result. The reasons for this could include unforeseen sound transmission paths and poor insulation, so there is a degree of split responsibility. Mock-up tests carried out before the...introduce electronic speech masking systems to artificially boost the levels in order to increase privacy.

Acoustic Design has measured office sound insulation values over

many years. The worst room-to-room performances were found in the 15...

...all materials, as well as a full understanding of the systems associated with current buildings.

Sound insulation targets must be determined from the likely room usage and background noise conditions. The format...

...are set will depend upon the extent of the duties of the design team.

The performance of individual building elements will inevitably be selected from laboratory test figures with high ratings. The installed condition...

^ 12/3,K/23 (Item 1 from file: 624)  
DIALOG(R)File 624:McGraw-Hill Publications  
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01013285

The Art and Science of Sound: ARCHITECTS AND ACOUSTICIANS MUST LISTEN TO ONE ANOTHER TO INTEGRATE GOOD DESIGN AND GOOD ACOUSTICS IN PERFORMING ARTS CENTERS.

by William Weathersby Jr.

Architectural Record, Vol. 76, No. 5, Pg 255

May, 1999

JOURNAL CODE: AR

SECTION HEADING: TECHNOLOGY ISSN: 0003-858X

WORD COUNT: 1,344

TEXT:

... of an interior space is one of the most crucial and widely debated aspects of architectural design for the performing0 arts. From musicians and actors to critics and opening-night patrons, "How does it sound...

...century that are still revered today "were not designed on the basis of contemporary architectural acoustic criteria," notes Christopher Jaffe of Jaffe Holden Scarbrough Acoustics. "At best, architects copied the geometries of halls that the musical community considered successful for... acoustical consultant. He patented the earliest acoustical tile and opened a laboratory dedicated to the measurement of sound absorption of materials and sound transmission of wall structures. His techniques are still part of the contemporary acoustician's repertoire. The sabin, the unit of measurement of acoustic absorption, is named for him.

In this century, acousticians have continued to research the relationship...

...and overall warmth of sound pleasing to the human ear."

when steel and poured-concrete construction methods replaced solid masonry at midcentury, the interior surfaces of new performance spaces were often still plaster, but it was mounted over hollow cavities. The lack of...

~~ Non-Patent Literature: Full Text [group 2 or 3]  
Dialog files: 16,148,160,275,621,636

File 16:Gale Group PROMT(R) 1990-2007/Mar 21

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S1	2504765	NOISE OR NOISY OR SOUND OR SOUNDS OR ACOUSTIC OR ACOUSTICS OR ACOUSTICALLY OR SONIC OR AUDIBLE OR AUDIBLY OR AUDIO OR AUDITORY OR AURAL OR HEARING OR PHONIC OR AURALIZATION OR HARMONIC OR HARMONICS
S2	2999045	DECIBEL OR DECIBELS OR DB OR PRESSURE()(LEVEL OR LEVELS) OR PARAMETER OR PARAMETERS OR PARAMETRIC OR PARAMETRICS OR METRICS OR CRITERIA OR MEASURE? ? OR MEASUREMENT? ?
S3	6192634	PROPAGATE??? OR DISPERS??? OR TRANSMIT?? OR TRANSMISSION OR ABATEMENT OR ABATING OR ABATE? ? OR CONTROL??? OR QUIET??? OR QUIETEN??? OR RAY()TRACING OR INSULAT??? OR DAMPEN OR HUSH OR SILENC??? OR ASSUAGE???
S4	9117128	SOLUTION? ? MEDIAT??? OR RESOLUTION? ? OR PERFORMANCE OR PERFORMING OR ACCOMPLISH??? OR ACCOMPLISHMENT OR OBJECTIVE?? OR GOAL OR GOALS OR EFFICIEN?? OR OPTIMIZING OR SOLVE OR SOLVING OR RESOLVE OR RESOLVING
S5	9725098	ROOM OR ROOMS OR BUILDING OR BUILDINGS OR ARCHITECTUR?? OR CONSTRUCTION OR HOUSE? ? OR HOUSING OR STRUCTUR?? OR EDIFICE? ? OR HIGHRISES OR HIGH()RISE? ? OR APARTMENTS
S6	38857	S1(6N)S2
S7	78234	S1(4N)S3
S8	2566	S6(S)S7
S9	395098	S4(8N)S5
S10	60	S8(2S)S9
S11	21	S10 NOT PY>2000
S12	19	RD (unique items)

^ 12/3,K/15 (Item 14 from file: 148)  
 DIALOG(R)File 148:Gale Group Trade & Industry DB  
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03333239 SUPPLIER NUMBER: 06273637 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
 Guidelines for building noise control enclosures.  
 Carney, Kenneth E.  
 Plant Engineering, v41, n23, p68(4)  
 Dec 17, 1987  
 ISSN: 0032-082X LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT.  
 WORD COUNT: 1987 LINE COUNT: 00160

... measurement is the sound transmission class (STC), a method of rating the airborne sound transmission performance of a wall or a floor/ceiling structure at different frequencies by means of a single number. The higher the STC, the better the airborne noise control performance of the structure. An STC of 50 or more is considered a good rating.

Analysis of the Problem...must be impervious to airflow. All wall openings must be sealed and caulked if a noise reduction of more than 10 dB is to be attained.

Two primary wall designs are available: single or double layered. single...

...space between the boards with a sound absorption material improves the NR significantly. Glass fiber insulation can reduce noise as much as 12 dB, depending on the type, thickness, and sound wave frequency. In Table II, the sound transmission loss (in decibels) and the STC of some wood stud wall construction are given; Table III presents sound...

Dialog file: 20

File 20:Dialog Global Reporter 1997-2007/Mar 22  
(c) 2007 Dialog

Set	Items	Description
S1	2665308	NOISE OR NOISY OR SOUND OR SOUNDS OR ACOUSTIC OR ACOUSTICS OR ACOUSTICALLY OR SONIC OR AUDIBLE OR AUDIBLY OR AUDIO OR AU- DITORY OR AURAL OR HEARING OR PHONIC OR AURALI?ATION OR HARMO- NIC OR HARMONICS
S2	2699450	DECIBEL OR DECIBELS OR DB OR PRESSURE()(LEVEL OR LEVELS) OR PARAMETER OR PARAMETERS OR PARAMETRIC OR PARAMETRICS OR METR- ICS OR CRITERIA OR MEASURE? ? OR MEASUREMENT? ?
S3	5007625	PROPAGATE??? OR DISPERS??? OR TRANSMIT?? OR TRANSMISSION OR ABATEMENT OR ABATING OR ABATE? ? OR CONTROL??? OR QUIET??? OR QUIETEN??? OR RAY()TRACING OR INSULAT??? OR DAMPEN OR HUSH OR SILENC??? OR ASSUAGE???
S4	8157001	SOLUTION? ? MEDIAT??? OR RESOLUTION? ? OR PERFORMANCE OR P- ERFORMING OR ACCOMPLISH??? OR ACCOMPLISHMENT OR OBJECTIVE?? OR GOAL OR GOALS OR EFFICIEN?? OR OPTIMIZING OR SOLVE OR SOLVING OR RESOLVE OR RESOLVING
S5	10680619	ROOM OR ROOMS OR BUILDING OR BUILDINGS OR ARCHITECTUR?? OR CONSTRUCTION OR HOUSE? ? OR HOUSING OR STRUCTUR?? OR EDIFICE? ? OR HIGHRISES OR HIGH()RISE? ? OR APARTMENTS
S6	16381	S1(8N)S2
S7	45046	S1(6N)S3
S8	1473	S6(2S)S7
S9	329459	S4(12N)S5
S10	30	S8(2S)S9
S11	9	S10 NOT PY>2000

^ 11/3,K/4

DIALOG(R)File 20:Dialog Global Reporter  
(c) 2007 Dialog. All rts. reserv.

12956609 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
Digital Audio Engines Offer a Fast Track to Multichannel Audio Decoding  
BUSINESS WIRE  
September 22, 2000  
JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 1028

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... can be hard to keep the final operating volume of the system  
constant. The software architecture provides volume management to solve  
this problem and allows the user to switch decoders and change post  
processing without having...

~~ Non-Patent Literature: Non-Full Text  
Dialog files: 2,7,35,256,474,475,583,169,mecheng

File 2:INSPEC 1898-2007/Mar w2  
(c) 2007 Institution of Electrical Engineers  
File 7:Social SciSearch(R) 1972-2007/Mar w3  
(c) 2007 The Thomson Corp  
File 35:Dissertation Abs Online 1861-2007/Feb  
(c) 2007 ProQuest Info&Learning  
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(c) 2007 Info.Sources Inc  
File 474:New York Times Abs 1969-2007/Mar 22  
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(c) 2007 The New York Times  
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(c) 1999 NELS Publishing Co.  
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(c) 2007 Elsevier Eng. Info. Inc.  
File 14:Mechanical and Transport Engineer Abstract 1966-2007/Mar  
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File 34:SciSearch(R) Cited Ref Sci 1990-2007/Mar w3  
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File 57:Electronics & Communications Abstracts 1966-2007/Mar  
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File 60:ANTE: Abstracts in New Tech & Engineer 1966-2007/Mar  
(c) 2007 CSA.  
File 61:Civil Engineering Abstracts. 1966-2007/Mar  
(c) 2007 CSA.  
File 63:Transport Res(TRIS) 1970-2007/Feb  
(c) fmt only 2007 Dialog  
File 65:Inside Conferences 1993-2007/Mar 22  
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File 81:MIRA - Motor Industry Research 2001-2007/Dec  
(c) 2007 MIRA Ltd.  
File 92:IHS Intl.Stds.& Specs. 1999/Nov  
(c) 1999 Information Handling Services  
File 94:JICST-EPlus 1985-2007/Mar w4  
(c)2007 Japan Science and Tech Corp(JST)  
File 95:TEME-Technology & Management 1989-2007/Mar w3  
(c) 2007 FIZ TECHNIK  
File 96:FLUIDEX 1972-2006/Aug  
(c) 2006 Elsevier B.V.  
File 99:Wilson Appl. Sci & Tech Abs 1983-2007/Feb  
(c) 2007 The HW Wilson Co.  
File 104:AeroBase 1999-2007/Mar  
(c) 2007 Contains copyrighted material  
File 134:Earthquake Engineering Abstracts 1966-2007/Mar  
(c) 2007 CSA.  
File 293:Engineered Materials Abstracts 1966-2007/Mar  
(c) 2007 CSA.  
File 335:Ceramic Abstracts/World Ceramics Abstracts 1966-2007/Mar  
(c) 2007 CSA.  
File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec  
(c) 2006 The Thomson Corp

Set	Items	Description
S1	2703033	NOISE OR NOISY OR SOUND OR SOUNDS OR ACOUSTIC OR ACOUSTICS OR ACOUSTICALLY OR SONIC OR AUDIBLE OR AUDIBLY OR AUDIO OR AUDITORY OR AURAL OR HEARING OR PHONIC OR AURALI?ATION OR HARMONIC OR HARMONICS
S2	12241634	DECIBEL OR DECIBELS OR DB OR PRESSURE()(LEVEL OR LEVELS) OR PARAMETER OR PARAMETERS OR PARAMETRIC OR PARAMETRICS OR METRICS OR CRITERIA OR MEASURE? ? OR MEASUREMENT? ?
S3	10554296	PROPAGATE??? OR DISPERS??? OR TRANSMIT??? OR TRANSMISSION OR ABATEMENT OR ABATING OR ABATE? ? OR CONTROL??? OR QUIET??? OR QUIETEN??? OR RAY()TRACING OR INSULAT??? OR DAMPEN OR HUSH OR SILENC??? OR ASSUAGE???
S4	10350097	SOLUTION? ? MEDIAT??? OR RESOLUTION? ? OR PERFORMANCE OR PERFORMING OR ACCOMPLISH??? OR ACCOMPLISHMENT OR OBJECTIVE?? OR GOAL OR GOALS OR EFFICIEN?? OR OPTIMIZING OR SOLVE OR SOLVING OR RESOLVE OR RESOLVING
S5	12396164	ROOM OR ROOMS OR BUILDING OR BUILDINGS OR ARCHITECTUR?? OR CONSTRUCTION OR HOUSE? ? OR HOUSING OR STRUCTUR?? OR EDIFICE? ? OR HIGHRISES OR HIGH()RISE? ? OR APARTMENTS
S6	294756	S1(4N)S2
S7	197512	S1(4N)S3

S8	16202	S6(20N)S7
S9	369382	S4(4N)S5
S10	78	S8(12N)S9
S11	48	S10 NOT PY>2000
S12	38	RD (unique items)

^ 12/3,K/32 (Item 1 from file: 94)

DIALOG(R)File 94:JICST-EPlus

(c)2007 Japan Science and Tech Corp(JST). All rts. reserv.

04435929 JICST ACCESSION NUMBER: 00A0051723 FILE SEGMENT: JICST-E  
Study on Comparison Between Predicted and Measured Values of Sound  
Insulation Performance on Multiple-dwelling Buildings .

OWAKI MASANAO (1); ZAIMA TAKEFUMI (1); MIYAZAKI HIROSHI (1); YAMASHITA  
YASUHIRO (2)

(1) Kumagai Gumi Co., Ltd., Inst. of Constr. Technol.; (2) Shinshu Univ.,  
Fac. of Eng.

Kumagaigumi Gijutsu Kenkyu Hokoku(Kumagai Technical Research Report), 1999  
, NO.58, PAGE.19-25, FIG.15, TBL.5, REF.11

JOURNAL NUMBER: G0988ABO ISSN NO: 0919-8687

UNIVERSAL DECIMAL CLASSIFICATION: 728 699.844

LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan

DOCUMENT TYPE: Journal

ARTICLE TYPE: Commentary

MEDIA TYPE: Printed Publication

Study on Comparison Between Predicted and Measured Values of Sound  
Insulation Performance on Multiple-dwelling Buildings .

~~ Patent Literature:

Dialog files: 347,348,349,350

File 347:JAPIO Dec 1976-2006/Nov(Updated 070228)

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File 348:EUROPEAN PATENTS 1978-2007/ 200708

(c) 2007 European Patent Office

File 349:PCT FULLTEXT 1979-2007/UB=20070315UT=20070308

(c) 2007 WIPO/Thomson

File 350:Derwent WPIX 1963-2006/UD=200719

(c) 2007 The Thomson Corporation

Set	Items	Description
S1	1311888	NOISE OR NOISY OR SOUND OR SOUNDS OR ACOUSTIC OR ACOUSTICS OR ACOUSTICALLY OR SONIC OR AUDIBLE OR AUDIBLY OR AUDIO OR AU- DITORY OR AURAL OR HEARING OR PHONIC OR AURALI?ATION OR HARMO- NIC OR HARMONICS
S2	2642721	DECIBEL OR DECIBELS OR DB OR PRESSURE()(LEVEL OR LEVELS) OR PARAMETER OR PARAMETERS OR PARAMETRIC OR PARAMETRICS OR METR- ICS OR CRITERIA OR MEASURE? ? OR MEASUREMENT? ?
S3	8508523	PROPAGATE??? OR DISPERS??? OR TRANSMIT?? OR TRANSMISSION OR ABATEMENT OR ABATING OR ABATE? ? OR CONTROL??? OR QUIET??? OR QUIETEN??? OR RAY()TRACING OR INSULAT??? OR DAMPEN OR HUSH OR SILENC??? OR ASSUAGE???
S4	3999726	SOLUTION? ? MEDIAT??? OR RESOLUTION? ? OR PERFORMANCE OR P- ERFORMING OR ACCOMPLISH??? OR ACCOMPLISHMENT OR OBJECTIVE?? OR GOAL OR GOALS OR EFFICIEN?? OR OPTIMIZING OR SOLVE OR SOLVING OR RESOLVE OR RESOLVING
S5	5811889	ROOM OR ROOMS OR BUILDING OR BUILDINGS OR ARCHITECTUR?? OR CONSTRUCTION OR HOUSE? ? OR HOUSING OR STRUCTUR?? OR EDIFICE? ? OR HIGHRISES OR HIGH()RISE? ? OR APARTMENTS
S6	78777	S1(8N)S2
S7	233264	S1(8N)S3
S8	11028	S6(60N)S7
S9	366886	S4(20N)S5
S10	108	S8(60N)S9

S11 7 S10 AND IC=(G06F OR G06Q)

^ 11/3,K/2 (Item 2 from file: 347)  
DIALOG(R)File 347:JAPIO  
(c) 2007 JPO & JAPIO. All rts. reserv.

06711655 \*\*Image available\*\*  
SOUND INSULATION STRUCTURAL DESIGN DEVICE

PUB. NO.: 2000-297488 [JP 2000297488 A]  
PUBLISHED: October 24, 2000 (20001024)  
INVENTOR(s): INATOME KOICHI  
APPLICANT(s): OKUMURA CORP  
APPL. NO.: 11-109268 [JP 99109268]  
FILED: April 16, 1999 (19990416)

INTL CLASS: E04B-001/82; G06F-017/30 ; G10K-011/16

#### ABSTRACT

PROBLEM TO BE SOLVED: To provide a sound insulation structural design device capable of collectively performing the whole design in regard to the sound insulation of a building in a short time.

SOLUTION: A storage means for storing a plurality of specifications being the candidate of the sound insulation measure of a building structural member is provided. Input means S1-S4 for inputting data in...

^ 11/3,K/5 (Item 2 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2007 WIPO/Thomson. All rts. reserv.

01382233 \*\*Image available\*\*  
COMPUTER-ASSISTED EVALUATION OF BLUEPRINTS USING COMPUTER-STORABLE  
EVALUATION-CRITERIA  
EVALUATION DE BLEUS ASSISTEE PAR ORDINATEUR AU MOYEN DE CRITERES  
D'EVALUATION STOCKABLES SUR ORDINATEUR

Patent Applicant/Assignee:

ACCELA INC, 4160 Dublin Boulevard, Suite 128, Dublin, CA 94568, US, US  
(Residence), US (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

SIT Ho Wing, 66 Corte Del Caballo, Moraga, CA 94556, US, US (Residence),  
US (Nationality), (Designated only for: US)

Legal Representative:

MAHBOUBIAN Ramin (agent), P.O. Box 70250, Oakland, CA 94612-0250, US

Patent and Priority Information (Country, Number, Date):

Patent: WO 200665595 A2 20060622 (WO 0665595)

Application: WO 2005US44240 20051206 (PCT/WO US2005044240)

Priority Application: US 2004637017 20041217; US 2005215562 20050829

Designated States:

(All protection types applied unless otherwise stated - for applications  
2004+)

AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM  
DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KM KN KP KR  
KZ LC LK LR LS LT LU LV LY MA MD MG MK MN MW MX MZ NA NG NI NO NZ OM PG  
PH PL PT RO RU SC SD SE SG SK SL SM SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW

(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LT LU LV MC NL  
PL PT RO SE SI SK TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext word count: 11176

International Patent Class (v8 + Attributes)  
IPC + Level Value Position Status Version Action Source Office:  
G06F-0017/50 ...  
Fulltext Availability:  
Detailed Description

Detailed Description

... that call be provided for these categories of ftinctions.

16

Table 2

Performance based functions.

Sound Transmission . This function can be used to  
0 measure the impact of nearby traffic noise and sound passing on  
certain living space within a building  
0 measure of the impact of wall density to sound  
0 etc.

Heat transmission . This function can be used to  
0 measure heat loss of a building  
0 measure of insulation to energy saving  
0 etc.

Etc.

Non- Performance based functions.

Distance function that measures distances between objects. This  
fLu-iction  
can be used...

Search on 09/709323

To navigate this document: use FIND function {Ctrl-F}  
~~ will find the beginning of each group of results  
^ will find the tagged items

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~~ Patent Literature: Inventor search

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File 348:EUROPEAN PATENTS 1978-2007/ 200708

(c) 2007 European Patent Office

File 349:PCT FULLTEXT 1979-2007/UB=20070315UT=20070308

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File 350:Derwent WPIX 1963-2006/UD=200719

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Set	Items	Description
S1	108	AU=FAY R?
S2	5	AU=GELIN L?
S3	8	AU=BABINEAU F?
S4	14	AU=TINIANOV B?
S5	124	S1 OR S2 OR S3 OR S4
S6	1	S5 AND IC=(G06F OR G06Q)

6/3/1 (Item 1 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0009322537 - Drawing available

WPI ACC NO: 1999-254046/199921

XRPX ACC No: N1999-189129

Locking units in document management system

Patent Assignee: XEROX CORP (XERO)

Inventor: FAY R G

Patent Family (1 patents; 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	
US 5892513	A	19990406	US 1996660369	A	19960607	199921	B

Priority Applications (no., kind, date): US 1996660369 A 19960607

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
US 5892513	A	EN	6	5		

~~ Non-Patent Literature: Inventor search [part A]

File 2:INSPEC 1898-2007/Mar W2

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File 8:EI Compendex(R) 1884-2007/Mar W1

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File 9:Business & Industry(R) Jul/1994-2007/Mar 20

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(c) 2007 CSA.

File 15:ABI/Inform(R) 1971-2007/Mar 21

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File 16:Gale Group PROMT(R) 1990-2007/Mar 20

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File 34:Scisearch(R) Cited Ref sci 1990-2007/Mar w2  
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File 35:Dissertation.Abs Online 1861-2007/Feb  
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File 57:Electronics & Communications Abstracts 1966-2007/Mar  
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File 60:ANTE: Abstracts in New Tech & Engineer 1966-2007/Mar  
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File 61:Civil Engineering Abstracts. 1966-2007/Mar  
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File 63:Transport Res(TRIS) 1970-2007/Feb  
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File 94:JICST-EPlus 1985-2007/Mar w4  
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File 96:FLUIDEX 1972-2006/Aug  
(c) 2006 Elsevier B.V.  
File 99:Wilson Appl. Sci & Tech Abs 1983-2007/Feb  
(c) 2007 The HW Wilson Co.  
File 104:AeroBase 1999-2007/Mar  
(c) 2007 Contains copyrighted material  
File 134:Earthquake Engineering Abstracts 1966-2007/Mar  
(c) 2007 CSA.

Set	Items	Description
S1	544	AU=(FAY, R? OR FAY R? OR FAY(2N)R?) OR BY=FAY(2N)R?
S2	11	AU=(GELIN, L? OR GELIN L? OR GELIN(2N)L?) OR BY=GELIN(2N)L?
S3	4	AU=(BABINEAU, F? OR BABINEAU F? OR BABINEAU(2N)F?) OR BY=B- ABINEAU(2N)F?
S4	21	AU=(TINIANOV, B? OR TINIANOV B? OR TINIANOV(2N)B?) OR BY=T- INIANOV(2N)B?
S5	576	S1 OR S2 OR S3 OR S4
S6	228	S5 AND (NOISE OR SOUND OR SOUNDS OR ACOUSTIC OR ACOUSTICS - OR ACOUSTICALLY OR AUDIO OR AUDITORY OR AURAL OR AURALI?ATION OR HARMONIC OR HARMONICS)
S7	29	S6 AND (ROOM OR ROOMS OR BUILDING OR BUILDINGS OR ARCHITEC- TUR?? OR CONSTRUCTION OR HOUSE? ? OR HOUSING OR STRUCTUR??)
S8	12	S7 NOT PY>2000
S9	9	RD (unique items)

^ 9/3,K/1 (Item 1 from file: 2)

DIALOG(R)File 2:INSPEC

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07784751 INSPEC Abstract Number: A2001-02-4385D-007

Title: Recent measurements of total energy density using a unique transducer array

Author(s): Tinianov, B.

Author Affiliation: Johns Manville Tech. Center, Littleton, CO, USA

Journal: Canadian Acoustics Conference Title: Can. Acoust. (Canada)

vol.28, no.3 p.18-19

Publisher: Canadian Acoust. Assoc,

Publication Date: Sept. 2000 Country of Publication: Canada

CODEN: CAACDX ISSN: 0711-6659

SICI: 0711-6659(200009)28:3L:18:RMTE;1-K

Material Identity Number: B883-2000-004

Conference Title: Acoustic week in Canada (papers in summary form only received)

Conference Date: Oct. 2000      Conference Location: Sherbrook, Que.,  
Canada  
Language: English  
Subfile: A  
Copyright 2000, IEE

Author(s): Tinianov, B.

Abstract: Contemporary laboratory test methods determine the sound power of a noise source by sampling the sound pressure in a reverberant field. While these tests allow for a convenient assessment, they falsely assume that either the sound field is ideally diffuse, or that the sampled data adequately represent the average sound pressure in the room. The research of Budhiantho (1997), developed theoretical probability density functions for the potential, kinetic, and total energy densities were modeled in a reverberant sound field. These models suggest that the variance of the total energy density is one half that of the potential energy density approximated by the sound pressure in current test methods and such measurements could yield more accurate results. Experiments were...

Descriptors: acoustic field...

... acoustic intensity measurement...

... acoustic transducer arrays  
...Identifiers: sound power...

... noise source...

... sound pressure

9/3,k/2      (Item 2 from file: 2)

DIALOG(R)File 2:INSPEC

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07757561      INSPEC Abstract Number: A2000-24-8734-017

Title: Evolution of hearing in vertebrates: the inner ears and processing

Author(s): Fay, R.R. ; Popper, A.N.

Author Affiliation: Parmly Hearing Inst., Loyola Univ., Chicago, IL, USA

Journal: Hearing Research      vol.149, no.1-2      p.1-10

Publisher: Elsevier,

Publication Date: Nov. 2000      Country of Publication: Netherlands

CODEN: HERED3      ISSN: 0378-5955

SICI: 0378-5955(200011)149:1/2L.1:EHVI;1-Z

Material Identity Number: E889-2000-011

U.S. Copyright Clearance Center Code: 0378-5955/2000/\$20.00

Language: English

Subfile: A

Copyright 2000, IEE

Author(s): Fay, R.R. ; Popper, A.N.

Abstract: Considers aspects of the evolution of the vertebrate auditory system from an 'ichthyocentric' perspective. It is argued that all vertebrate auditory systems are required to do certain basic tasks including acoustic feature discrimination, sound source localization, frequency analysis, and auditory scene analysis, among others. These sorts of capabilities arose very early in the evolution of...

...vertebrates and have been modified by selection in different species. In some cases the same structures have been involved in detection and analysis throughout the vertebrates, while in other cases the...

Identifiers: vertebrate auditory system...

... acoustic feature discrimination...

... sound source localization...

... auditory scene analysis

9/3,K/3 (Item 3 from file: 2)

DIALOG(R)File 2:INSPEC

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05717381 INSPEC Abstract Number: A9417-8734-018

Title: Perception of temporal acoustic patterns by the goldfish  
(Carassius auratus)

Author(s): Fay, R.R.

Author Affiliation: Parmlly Hearing Inst., Loyola Univ., Chicago, IL, USA

Journal: Hearing Research vol.76, no.1-2 p.158-72

Publication Date: 1 June 1994 Country of Publication: Netherlands

CODEN: HERED3 ISSN: 0378-5955

U.S. Copyright Clearance Center Code: 0378-5955/94/\$07.00

Language: English

Subfile: A

Title: Perception of temporal acoustic patterns by the goldfish  
(Carassius auratus)

Author(s): Fay, R.R.

Abstract: The perception of temporal acoustic patterns was studied in the goldfish using classical respiratory conditioning in combination with a stimulus...

...the perceptual qualities of simple and complex temporal patterns are not primarily determined by spectral structure or pulse rate, but rather are determined by the distribution of IPIS. A model for...

... experiments demonstrate the potential usefulness of the stimulus generalization paradigm for investigating aspects of complex sound source perception in non-human animals.

Identifiers: temporal acoustic patterns perception...

...spectral structure ; ...

...complex sound source perception

9/3,K/4 (Item 4 from file: 2)

DIALOG(R)File 2:INSPEC

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02263649 INSPEC Abstract Number: A78088720

Title: Phase-locking in goldfish saccular nerve fibres accounts for frequency discrimination capacities

Author(s): Fay, R.R.

Author Affiliation: Dept. of Psychology, Loyola Univ., Chicago, IL, USA

Journal: Nature vol.275, no.5678 p.320-2

Publication Date: 28 Sept. 1978 Country of Publication: UK

CODEN: NATUAS ISSN: 0028-0836

Language: English

Subfile: A

Author(s): Fay, R.R.

Abstract: In the auditory systems of fishes a mechanical analysis of frequency had seemed unlikely on the basis of the ear's rather undifferentiated structural organisation. However, recent neurophysiological data show that a limited peripheral frequency analysis occurs in several...

... form the basis for psychophysical demonstrations of filtering and for frequency discrimination in the fish auditory system. An experiment is reported which helps to resolve this question of frequency codings by...

...Identifiers: auditory systems of fishes

9/3,K/5 (Item 5 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2007 Institution of Electrical Engineers. All rts. reserv.

01551189 INSPEC Abstract Number: A73059425

Title: Sound detection and processing by teleost fishes, a critical review

Author(s): Popper, A.N.; Fay, R.R.

Author Affiliation: Univ. Hawaii, Honolulu, HI, USA

Journal: Journal of the Acoustical Society of America vol.53, no.6 p.1515-29

Publication Date: June 1973 Country of Publication: USA

CODEN: JASMAN ISSN: 0001-4966

Language: English

Subfile: A

Title: Sound detection and processing by teleost fishes, a critical review

Author(s): Popper, A.N.; Fay, R.R.

...Abstract: review is to reevaluate the current experimental literature on fish audition based upon evaluation of structural physiological and behavioral studies. The specific emphasis of the paper is to (1) review the ...

... hearing in fishes; (2) look at the subject of fish hearing from the standpoint of auditory mechanisms and their relationship to what is known about hearing in terrestrial vertebrates and (3...

Identifiers: sound processing...

... sound detection...

... auditory mechanisms

9/3,K/6 (Item 6 from file: 2)

DIALOG(R)File 2:INSPEC

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0000446940 INSPEC Abstract Number: 1956A02763

Title: Historical note on the Haas effect

Author(s): Fay, R.D. ; Hall, W.M.

Journal: Journal of the Acoustical Society of America 28 1 p. 131-132

Publication Date: Jan. 1956 Country of Publication: USA

Language: English

Subfile: A

Copyright 2004, IEE

Author(s): Fay, R.D. ; Hall, W.M.

Descriptors: architectural acoustics ;

Identifiers: architectural acoustics ;

9/3,K/7 (Item 1 from file: 34)

DIALOG(R)File 34:SciSearch(R) Cited Ref Sci

(c) 2007 The Thomson Corp. All rts. reserv.

06125970 Genuine Article#: XW617 No. References: 54

Title: Evolution of the ear and hearing: Issues and questions

Author(s): Popper AN (REPRINT) ; Fay RR

Corporate Source: UNIV MARYLAND,DEPT ZOOL/COLLEGE PK//MD/20742 (REPRINT); LOYOLA UNIV,PARMLY HEARING INST/CHICAGO//IL/60626; LOYOLA UNIV,DEPT PSYCHOL/CHICAGO//IL/60626

Journal: BRAIN BEHAVIOR AND EVOLUTION, 1997, V50, N4 (OCT), P213-221

ISSN: 0006-8977 Publication date: 19971000

Publisher: KARGER, ALLSCHWILERSTRASSE 10, CH-4009 BASEL, SWITZERLAND

Language: English Document Type: ARTICLE (ABSTRACT AVAILABLE)

Author(s): Popper AN (REPRINT) ; Fay RR

...Abstract: early in the evolution of the vertebrates. while there are significant interspecific differences in ear structure , it appears that receptor cell structure and the basic function of the ear and

auditory system are similar among all vertebrate groups. In this paper we present the evolution of...

...that there have been strong selective pressures in most vertebrate groups for the sorts of sound encoding and processing abilities that result in the efficient detection, localization, and identification of sound sources in noisy environments. Many of the encoding and processing strategies underlying these functions are...

Research Fronts: 95-5642 002 (MAUTHNER CELL RESPONSE; SOUND ONSET;  
PRIMARY SACULAR AFFERENTS OF GOLDFISH)  
95-6443 001 (OTOACOUSTIC EMISSIONS; AUDITORY CONDITIONING;  
HIGH-FREQUENCY ACOUSTIC TRAUMA; VERTEBRATE HAIR-CELLS)

9/3,K/8 (Item 1 from file: 61)  
DIALOG(R)File 61:Civil Engineering Abstracts.  
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0000018432 IP ACCESSION NO: A2004-21-00994  
Acoustic and Illumination Design of Conference Rooms

Muehleisen, R.T.; Tinianov, B.D. ; Beamer, C.W.I.; Hougland, D.S.

PAGES: NA

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Reston, VA, 20191-4400  
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CONFERENCE:  
Architectural Engineering 2003 - Building Integration Solutions

DOCUMENT TYPE: Conference Paper  
RECORD TYPE: Abstract  
LANGUAGE: English  
ISBN: 0-7844-0699-5  
FILE SEGMENT: Civil Engineering Abstracts  
Acoustic and Illumination Design of Conference Rooms

Muehleisen, R.T.; Tinianov, B.D. ; Beamer, C.W.I.; Hougland, D.S.

ABSTRACT:

The conference room is one of the most important venues for corporations, governments, and schools. The conference room is the place where, among other things, designs are presented and sold, contracts are negotiated and signed, and executives hold meetings and develop corporate policy. While a properly designed conference room is rarely noticed, a poorly designed conference room is always noticed. Whether communication is truly hindered or occupants are merely distracted, a poorly designed conference room will have a negative impact on the business taking place in the room. Since the main form of communication in nearly all conference rooms is aural, the acoustic design of conference rooms is paramount and should not be considered less important than the overall aesthetic concept of...

...of communication comes in the form of visuals, proper illumination design is also important. The acoustic goals can usually be met by ensuring that the background noise level is below 38 dBA, the 1 kHz reverberation time is under 0.5 seconds...

DESCRIPTORS: Acoustics ; Light; Building design; Architectural  
engineering  
...SUBJ CATG: Buildings , Towers, and Tanks

9/3,K/9 (Item 1 from file: 65)  
DIALOG(R)File 65:Inside Conferences

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01632373 INSIDE CONFERENCE ITEM ID: CN016174893

Active HVAC duct silencing: Noise control in buildings without exposed fiberglass

Dineen, S. H.; Gelin, L. J. ; Wise, S.

CONFERENCE: Acoustics week in Canada-Conference

CANADIAN ACOUSTICS, 1996; VOL 24; NUMBER 3 P: 8

Canadian Acoustical Society, 1996

ISSN: 0711-6659

LANGUAGE: English DOCUMENT TYPE: Conference Short papers

CONFERENCE LOCATION: Calgary, Canada

CONFERENCE DATE: Oct 1996 (199610)

Active HVAC duct silencing: Noise control in buildings without exposed fiberglass

Dineen, S. H.; Gelin, L. J. ; Wise, S.

DESCRIPTORS: acoustics

~~ Non-Patent Literature: Inventor search [part B]

File 148:Gale Group Trade & Industry DB 1976-2007/Mar 12

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(c) 2007 San Jose Mercury News

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(c) 2007 American Banker

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File 637:Journal of Commerce 1986-2007/Mar 26

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S1 162 AU=(FAY, R? OR FAY R? OR FAY(2N)R?) OR BY=FAY(2N)R?  
S2 56 AU=(GELIN, L? OR GELIN L? OR GELIN(2N)L?) OR BY=GELIN(2N)L?  
S3 0 AU=(BABINEAU, F? OR BABINEAU F? OR BABINEAU(2N)F?) OR BY=B-  
ABINEAU(2N)F?  
S4 1 AU=(TINIANOV, B? OR TINIANOV B? OR TINIANOV(2N)B?) OR BY=T-  
INIANOV(2N)B?  
S5 219 S1 OR S2 OR S4  
S6 27 S5 AND (NOISE OR SOUND OR SOUNDS OR ACOUSTIC OR ACOUSTICS -  
OR ACOUSTICALLY OR AUDIO OR AUDITORY OR AURAL OR AURALI?ATION  
OR HARMONIC OR HARMONICS)  
S7 3 S6 AND (ROOM OR ROOMS OR BUILDING OR BUILDINGS OR ARCHITEC-  
TUR?? OR CONSTRUCTION OR HOUSE? ? OR HOUSING OR STRUCTUR??)  
S8 2 S7 NOT PY>2000

8/3,K/1 (Item 1 from file: 434)  
DIALOG(R)File 434:SciSearch(R) Cited Ref Sci  
(c) 2006 The Thomson Corp. All rts. reserv.

02223889 Genuine Article#: FP096 No. References: 0  
Title: STRUCTURE AND FUNCTION IN TELEOST AUDITORY SYSTEMS  
Author(s): FAY RR ; POPPER AN  
Corporate Source: LOYOLA UNIV,DEPT PSYCHOL/CHICAGO//IL/60626; GEORGETOWN  
UNIV,SCH MED & DENT,DEPT ANAT/WASHINGTON//DC/20007  
Journal: JOURNAL OF THE ACOUSTICAL SOCIETY OF AMERICA, 1978, V64, S1, PS1  
Language: ENGLISH Document Type: MEETING ABSTRACT

Title: STRUCTURE AND FUNCTION IN TELEOST AUDITORY SYSTEMS  
Author(s): FAY RR ; POPPER AN

8/3,K/2 (Item 2 from file: 434)  
DIALOG(R)File 434:SciSearch(R) Cited Ref Sci  
(c) 2006 The Thomson Corp. All rts. reserv.

01585754 Genuine Article#: DM198 No. References: 39  
Title: STRUCTURE AND FUNCTION OF ELASMOBRANCH AUDITORY -SYSTEM  
Author(s): POPPER AN; FAY RR  
Corporate Source: UNIV HAWAII,DEPT ZOOL/HONOLULU//HI/96822; UNIV  
HAWAII,SENSORY SCI LAB/HONOLULU//HI/96822; LOYOLA UNIV,DEPT  
PSYCHOL/CHICAGO//IL/60611  
Journal: AMERICAN ZOOLOGIST, 1977, V17, N2, P443-452  
Language: ENGLISH Document Type: ARTICLE

Title: STRUCTURE AND FUNCTION OF ELASMOBRANCH AUDITORY -SYSTEM  
Author(s): POPPER AN; FAY RR

~~ Non-Patent Literature: Full Text [group 1 or 3]  
Dialog files: 9,15,476,610,613,624,634,810,813,625,637

File 9:Business & Industry(R) Jul/1994-2007/Mar 20  
(c) 2007 The Gale Group  
File 15:ABI/Inform(R) 1971-2007/Mar 21  
(c) 2007 ProQuest Info&Learning  
File 476:Financial Times Fulltext 1982-2007/Mar 21  
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(c) 2007 Business Wire.  
File 613:PR Newswire 1999-2007/Mar 21  
(c) 2007 PR Newswire Association Inc  
File 624:McGraw-Hill Publications 1985-2007/Mar 21  
(c) 2007 McGraw-Hill Co. Inc  
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S1	1251321	NOISE OR NOISY OR SOUND OR SOUNDS OR ACOUSTIC OR ACOUSTICS OR ACOUSTICALLY OR SONIC OR AUDIBLE OR AUDIBLY OR AUDIO OR AUDITORY OR AURAL OR HEARING OR PHONIC OR AURALIZATION OR HARMONIC OR HARMONICS
S2	1596889	DECIBEL OR DECIBELS OR DB OR PRESSURE()(LEVEL OR LEVELS) OR PARAMETER OR PARAMETERS OR PARAMETRIC OR PARAMETRICS OR METRICS OR CRITERIA OR MEASURE? ? OR MEASUREMENT? ?
S3	3060394	PROPAGATE??? OR DISPERS??? OR TRANSMIT?? OR TRANSMISSION OR ABATEMENT OR ABATING OR ABATE? ? OR CONTROL??? OR QUIET??? OR QUIETEN??? OR RAY()TRACING OR INSULAT??? OR DAMPEN OR HUSH OR SILENC??? OR ASSUAGE???
S4	4816674	SOLUTION? ? MEDIAT??? OR RESOLUTION? ? OR PERFORMANCE OR PERFORMING OR ACCOMPLISH??? OR ACCOMPLISHMENT OR OBJECTIVE?? OR GOAL OR GOALS OR EFFICIEN?? OR OPTIMIZING OR SOLVE OR SOLVING OR RESOLVE OR RESOLVING
S5	4975823	ROOM OR ROOMS OR BUILDING OR BUILDINGS OR ARCHITECTUR?? OR CONSTRUCTION OR HOUSE? ? OR HOUSING OR STRUCTUR?? OR EDIFICE? ? OR HIGHRISES OR HIGH()RISE? ? OR APARTMENTS
S6	16447	S1(8N)S2
S7	45398	S1(8N)S3
S8	2097	S6(2S)S7
S9	286318	S4(12N)S5
S10	62	S8(2S)S9
S11	29	S10 NOT PY>2000
S12	27	RD (unique items)

12/3,K/1 (Item 1 from file: 9)

DIALOG(R)File 9:Business & Industry(R)

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02148587 Supplier Number: 25695477 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Advanced Mfg. Center to market motor-testing device

(Advanced Mfg Center posted industrial project revenue of \$3.2 mil in fiscal yr ended 6/30/99 vs \$2.4 mil in fiscal 1998; center aims to market motor measuring device to local manufacturers, starting summer 2000)

Crain's Cleveland Business, v 21, p 4

May 08, 2000

DOCUMENT TYPE: Journal ISSN: 0197-2375 (United States)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 600

TEXT:

...University plans to market to local manufacturers a device it has created for testing the sound of electric motors to assure users they run quietly and reliably.

The testing device measures and analyzes motor noise and vibration, and was developed by CSU associate professor of mechanical engineering Pat Flanagan for...

...center's associate director, Edward J. Nolan, said the device should further the center's goal of providing Cleveland-area companies with machinery building services.

12/3,K/2 (Item 2 from file: 9)

DIALOG(R)File 9:Business & Industry(R)

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02084494 Supplier Number: 25580520 (USE FORMAT 7 OR 9 FOR FULLTEXT)

USWA involved in legal disputes with AK and Rocky Mountain Steel

(AK Steel gets slapped with lawsuit by member of the USWA for allegedly not

meeting tax abatement requirements)  
New Steel, v 16, n 2, p 8+  
February 2000  
DOCUMENT TYPE: Journal ISSN: 0897-4365 (United States)  
LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 1198

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...with environmental regulations. It also alleges that the company failed to comply with new-source performance standards (NSPS) related to construction of the company's second EAF in the late 1970s, violated permit limits on the...

...steelmaker "a special deal" that is "probably illegal" because it provides RMSM with relaxed pollution-control measures and sidesteps public-hearing requirements, the union says. "The CDPHE has allowed (RMSM) to abuse the system long enough...

^ 12/3,K/3 (Item 1 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
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02517950 116355182  
Acoustical considerations in planning and design of library facilities  
Wrightson, Denelle; Wrightson, John M  
Library Hi Tech v17n4 PP: 349-357 1999  
ISSN: 0737-8831 JRNL CODE: LIHT  
WORD COUNT: 4051

...TEXT: be compromised by penetration for ducts, outlet boxes, and so on. To achieve its rated performance, it must also extend through the ceiling to the roof deck or structure above (see Figure 2). Many architects are used to specifying walls that are only as...

...what are the STC ratings for partitions surrounding sensitive or noisy spaces and the expected noise levels on hoped for "quiet" side of the partition. This should not be seen as challenging the design team, only as a verification that the needs of the library have been taken into consideration.

Noise criteria (NC)

Noise criteria (NC), like STC, boils a complex acoustical characteristic into a single value. The NC level...

12/3,K/4 (Item 2 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
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02283297 86922443  
A strategic methodology to the use of advanced statistical quality improvement techniques  
Kaye, Jiju Antony Mike; Frangou, Andreas  
TQM Magazine v10n3 PP: 169 1998  
ISSN: 0954-478X JRNL CODE: TQM  
WORD COUNT: 4269

...TEXT: identification of welding process parameters which have an impact on the core tube life. Five control variables and one noise variable were studied using a 16-run experiment (i.e. L16 OA) recommended by Taguchi ...

...significant effects were based on the ANOVA, on the mean response and the signal-to-noise ratio (Taguchi, 1987). The optimal process parameters (or factors) were determined and the mean life of the core tube

at the optimal...

#### ...Conclusions

The paper presents a strategic and practical methodology for ASQIT as a powerful problem-solving tool for continuous quality improvement. The goal of this systematic and structured approach is to assist engineers with limited skills in statistics and manufacturing for tackling process...

12/3,K/5 (Item 3 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(C) 2007 ProQuest Info&Learning. All rts. reserv.

02272458 86923622  
New directions of environmental management in construction: accepted levels of pollution  
Yip, Joseph S L  
Structural Survey v18n2 PP: 89-98 2000  
ISSN: 0263-080X JRNL CODE: STSV  
WORD COUNT: 5542

...TEXT: government departments regulate new construction by demanding inclusion of a wide variety of environmental protection measures, such as Air Pollution Control Ordinance, Noise Control Ordinance, Water Pollution Control Ordinance, Waste Disposal Ordinance and Dangerous Goods Ordinance. Although these measures have been initiated mainly...

...completed scheme within budget and time limit. In the research report titled "Project management in building", the Chartered Institute of Building (1988) states that: "...the objectives of project management are to apply management skills and techniques to the organisation and to...

12/3,K/6 (Item 4 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(C) 2007 ProQuest Info&Learning. All rts. reserv.

02249338 86923403  
Improving the sound insulation of timber floor constructions with lath and plaster ceilings  
John Peter Roberts; A. Peyvandi; C.J. Hill  
Structural Survey v14n4 PP: 21 1996  
ISSN: 0263-080X JRNL CODE: STSV  
WORD COUNT: 2756

...TEXT: ceiling and the need for the provision of access to services without loss of acoustic performance.

The construction tested was chosen for the ease with which it could be built. Thus it was...

...the walls with metal angles. with each change in position of the independent ceiling the acoustic insulation was measured with and without sealing the gaps between the wall and ceiling.

The sound insulation performance of the independent ceiling appears to remain more or less constant for ceiling separations...

12/3,K/7 (Item 5 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
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02132126 62787517  
Keeping the great outdoors--outdoors  
Anonymous  
Buildings v94n10 PP: 30 Oct 2000  
ISSN: 0007-3725 JRNL CODE: BLD

WORD COUNT: 617

...TEXT: ambience, and the degree of sound reduction necessary for occupants to function effectively. When discussing sound reduction, the acronym STL (Sound Transmission Loss) is used.

Other terms are used to identify sound reduction:

Sound Transmission Class (STC...

...from 125 Hz to 4,000 Hz. It is developed to describe speech isolation between rooms, so it is not necessarily the best performance specification for windows. Above approximately STC 48, performance improvements become increasingly difficult.

The Outdoor-Indoor...

^ 12/3, K/8 (Item 6 from file: 15)

DIALOG(R) File 15:ABI/Inform(R)

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02055268 57944078

Great expectations--sound insulation in office buildings

Bridges, John

Safety & Health Practitioner v18n6 PP: 37-38 Jun 2000

ISSN: 0958-479X JRNL CODE: SHP

WORD COUNT: 1282

...TEXT: to adjacent areas. Ultimately, it is the concept of privacy itself that should be the goal and not the level of sound insulation. A room with poor sound insulation could still be private despite a high level of background noise in the listening room. Conversely, a room with high sound insulation does not guarantee privacy even when the listening room is very quiet.

Sound insulation is, however, the objective parameter that is commonly set and measured. It should therefore take account of the intended use...

...Partition din

Fit-out specifications for partitioned offices are often inadequate in terms of the acoustic parameters to be achieved. To avoid this there are two main options:

1. Specify the level of sound insulation to be achieved when the works are completed. This makes the contractor fully responsible for...

...w value, which is the measure used in ISO 140/4. Essentially, it is the measured sound difference between two rooms, corrected to a standard condition. If several offices need testing, a simplified measurement method can often be derived. An acoustic consultant would advise on the design targets and methods of test.

2. Specify the sound insulation performance of the individual building elements, the main ones being the partition, suspended ceiling and raised floor. This can be...

...but may not achieve the required end result. The reasons for this could include unforeseen sound transmission paths and poor insulation, so there is a degree of split responsibility. Mock-up tests carried out before the...introduce electronic speech masking systems to artificially boost the levels in order to increase privacy.

Acoustic Design has measured office sound insulation values over many years. The worst room-to-room performances were found in the 15...

...all materials, as well as a full understanding of the systems associated with current buildings.

Sound insulation targets must be determined from the likely room usage and background noise conditions. The format...

...are set will depend upon the extent of the duties of the design team.

The performance of individual building elements will inevitably be selected from laboratory test figures with high ratings. The installed condition...

12/3,K/9 (Item 7 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
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01965666 45388300  
KCET Digital Educational Telecommunications Center  
Wenhardt, Darrell  
Broadcast Engineering v41n8 PP: 46-54 Jul 1999  
ISSN: 0007-1994 JRNL CODE: BRG  
WORD COUNT: 2312

...TEXT: details took shape, CBT Systems evaluated building infrastructure requirements for power grounding, HVAC, mechanical systems, acoustics and signal distribution.

#### Acoustics

Sound transmission control and control room interior acoustical treatment was critical. All production control, editing and master control rooms were designed to implement full 5.1 surround sound. Not only did room interior noise criteria levels become critical, but sound transmission levels between walls and ceilings became even more important to isolate the additional subwoofer energy. Thus, the design goal for building partition sound transmission ratings ran STC-50 to STC62. In-room noise criteria requirements ranged from NC-15 to NC-30. A combination of isolated slab subfloors, floating...

...wall construction, floating ceiling lids and cavity absorption were employed to achieve both good in-room acoustical performance and excellent audio containment between adjacent rooms.

#### Cable and signal distribution

An 18-inch raised-access flooring system was designed as the...

12/3,K/10 (Item 8 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
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01848961 04-99952  
Video networking answers?  
Keenan, Philip  
Telecommunications (International Edition) v33n6 PP: 77-78 Jun 1999  
ISSN: 0040-2494 JRNL CODE: TIE  
WORD COUNT: 1511

...TEXT: multiway transcoding, every endpoint connects with every other at all of its optimal video and audio parameters. Not only does this multiway transcoding ensure fast, trouble-free setup, but it also guarantees...

...and running. In this sense, successful video conferencing depends very much on having a dependable architecture.

One of the central goals of videoconferencing is to make remote meetings more life-like - more like face-to-face...

12/3,K/11 (Item 9 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
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01806390 04-57381  
Solving noise problems  
Sutcliffe, Virginia  
Occupational Hazards v61n4 PP: 45-48 Apr 1999  
ISSN: 0029-7909 JRNL CODE: OHA  
WORD COUNT: 1937

...TEXT: for cleaning and transport noise are other noise sources. "Air noise is a high--frequency noise that usually ranges from 90-100 dB. It can significantly effect hearing loss but can be more readily controlled than other noise sources," said Roth. Fans and blowers can also create a significant amount of background noise...

...talks with the company's safety professionals, managers and supervisors in order to prioritize their noise problem. This ensures that money spent on noise control is used wisely. "I am often asked to resolve noise problems, but the company I...

...have a good idea of what they want to achieve," said Roth. "The cost of noise control can be increased or decreased significantly by choosing an appropriate goal."  
(Photograph Omitted)

Captioned as: This room .like enclosure is used to control the noise caused by a large machine or group...

12/3,K/12 (Item 10 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
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01739646 03-90636  
Post Logic Studios goes HD  
Anonymous  
Broadcast Engineering v40n12 PP: 72-76 Nov 1998  
ISSN: 0007-1994 JRNL CODE: BRG  
WORD COUNT: 1510

...TEXT: facility is that TMH Corporation independently qualified the design, equipment selection, and processes for optimal performance .

The firm conducted extensive testing to ensure optimal room acoustics. The Post Logic facility is the first to be TMH-qualified. As part of continuing qualification processes, TMH provides Post Logic an easy, repeatable way of confirming performance on a daily basis.

The telecine rooms are acoustically and vibration isolated from the building with a goal of NC-20. The audio control room measured flat 3dB before EQ.

The HD telecine suites are appropriately optimized for Dolby surround sound  
...

12/3,K/13 (Item 11 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
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01535003 01-85991  
Tulsa turns down the noise  
Johnston, Christopher  
Editor & Publisher v130n44 PP: 24-26 Nov 1, 1997  
ISSN: 0013-094X JRNL CODE: EDP

ABSTRACT: The Tulsa world is quieting the high- decibel clamor of its printing machines using custom-fabricated noise -protection panels. The structural-acoustical modules are installed between press units over the pressroom floor...

...topped by the standard press platform, though, they perform a combined function, providing a high- performance noise - abatement system between the pressroom and the reel room - absorbing noise and reverberation in both areas - and preventing transmission of high noise levels between the 2 rooms.

12/3,K/14 (Item 12 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
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01318971 99-68367  
Bipolar-FET process targets RF design  
Robinson, Gail  
Electronic Engineering Times n922 PP: 33-34 Oct 7, 1996  
ISSN: 0192-1541 JRNL CODE: ELET  
WORD COUNT: 1025

...TEXT: C for growth of the HBT layers had little effect on the previously defined HEMT structure . "We have noted less than a 10 percent degradation in performance ," Yang said.

Just as with BiCMOS and other silicon bipolar and MOSFET combinations, uniting HBT...

...offers device designers opportunities to blend the best aspects of both. For example, because its noise figure can go below 1 decibel . a HEMT can act as a low- noise amplifier. It also makes a good switch due to an extremely high-frequency response-up...

...HBT frequency is a little below 300 GHz, it can be used as a voltage-controlled oscillator because of its good 1/F noise . HBTs have better linearity than HEMTs, offering good matching device characteristics, especially threshold matching.

And...

12/3,K/15 (Item 13 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
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00879727 95-29119  
Customer service measurement: A methodology for increasing customer value through utilization of the Taguchi Strategy  
Holcomb, Mary Collins  
Journal of Business Logistics v15n1 PP: 29-52 1994  
ISSN: 0735-3766 JRNL CODE: JBL  
WORD COUNT: 4914

...TEXT: versus promotional orders are significantly different (Figure 2). (Figure 2 omitted)

PHASE 2

The research objectives for this phase of the study are structured for application of the design of experiment approach to the customer service process. Taguchi has...

...that the system consistently exhibits a high level of performance and is minimally sensitive to noise . A parameter design typically involves two types of factors: control and noise factors (uncontrollable factors that vary with customer environment). Parameter design examines interactions between control factors and noise factors in order to

achieve robustness of performance.

The following objectives were established for the...

12/3,K/16 (Item 14 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
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00753099 94-02491  
Integrating radio test for high speed production  
Horne, Ken  
Telecommunications (International Edition) v27n8 PP: 43-44 Aug 1993  
JRNL CODE: TIE  
WORD COUNT: 1431

...TEXT: of component instruments is not the best available, then this will reflect on the overall performance of the test set.

The utilization of a parallel processing architecture with multiple microprocessors and digital signal processors (DSPs) can significantly enhance the performance of the radio test set. Microcontrollers can be used to control sections of the hardware...

...transform (FFT) analyzer and RF spectrum analyzer are also extremely useful. On many radio systems, control signals are used throughout the audio spectrum and beyond. The ability to monitor an audio spectrum is invaluable for examining the...

...spectrum analyzer, although its actual implementation is different. A spectrum of frequencies is displayed, enabling harmonics and other unwanted signals to be seen and measured --useful to discover what is causing a poor distortion or noise reading. Just as the...

12/3,K/17 (Item 15 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2007 ProQuest Info&Learning. All rts. reserv.

00726016 93-75237  
Institute Initiative on the Citizen's Charter  
Anonymous  
Management Services v36n4 PP: 18-19 Apr 1992  
ISSN: 0307-6768 JRNL CODE: MNS  
WORD COUNT: 1505

...TEXT: outlined below:

#### PRIVATISATION

Privatisation results in a major change to an organisation. The aims and objectives, the structures and the working practices must be adjusted or rebuilt if privatisation is both to be...

...the benefit of the public.

#### CONTRACTING OUT

When services are contracted out there must be sound specifications of the contracted service and strong performance controls on the contractor. Management Services personnel are accustomed to the analysis of such work situations; the drafting of detailed specifications; and the development of sound measures to ensure value for money services.

#### PERFORMANCE RELATED PAY

There are fundamental concepts involved in...

12/3,K/18 (Item 16 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(C) 2007 ProQuest Info&Learning. All rts. reserv.

00703942 93-53163

A stealth composite frame for generators

Burd, Brian A; Howie, Ian; Lambert, John M; Tompkins, James E  
Mechanical Engineering v115n3 PP: 74-76 Mar 1993

ISSN: 0025-6501 JRNL CODE: MEG

WORD COUNT: 1962

...TEXT: power equipment in various climates and terrains has come under scrutiny due to the high sound level of the generators, 85 decibels on the "A" weighted scale (dBA). The Army now requires a full-load operating level...

...replace the tubular aluminum frame with an enclosure or frame specifically designed to simultaneously reduce sound transmission and provide structural integrity. The design goals, therefore, were to develop a structure that would inhibit sound transmission by selecting materials that provide sound dampening. (All Army generators are scheduled to be modified to a single battlefield fuel within...

12/3,K/19 (Item 17 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(C) 2007 ProQuest Info&Learning. All rts. reserv.

00629891 92-44831

Can You Quiet That Machine?

Van Vooren, Peter

Machine Design v64n16 PP: 50-54 Aug 6, 1992

ISSN: 0024-9114 JRNL CODE: MDS

WORD COUNT: 1489

...TEXT: problems can be complex, only one-way coupling is considered here. One-way coupling involves noise generated by a structure and dispersed into a medium, and is also called a pure-acoustic problem.

DIRECT VS. INDIRECT BEM

BE methods solve acoustic field problems outside vibrating structures as well as inside them. Sysnoise provides a direct-collocation and an indirect-variational approach...

12/3,K/20 (Item 1 from file: 476)  
DIALOG(R)File 476:Financial Times Fulltext  
(C) 2007 Financial Times Ltd. All rts. reserv.

0010570460 ACxxxxxx0196

EUROPE: Germany to spend mobiles cash

HAIG SIMONIAN

The Financial Times, London Edition 2 ED, P 11

Friday, October 13, 2000

DOCUMENT TYPE: NEWSPAPER; Stories LANGUAGE: ENGLISH RECORD TYPE:

FULLTEXT

Word Count: 245

...the money would be used for by-passes, reducing congestion and cutting fuel consumption, and noise abatement schemes. But critics argued the measures sat uneasily with the Greens' normally vociferous resistance to any new road building schemes.

Mr...

...year would be spent on new energy sources, with DM400m extra on improving the energy efficiency of older buildings and cutting carbon dioxide emissions.

The government confirmed the biggest single slice of new cash...

12/3,K/21 (Item 1 from file: 610)  
DIALOG(R)File 610:Business Wire  
(c) 2007 Business Wire. All rts. reserv.

00369179 20000922266B5478 (USE FORMAT 7 FOR FULLTEXT)  
Digital Audio Engines Offer a Fast Track to Multichannel Audio Decoding  
Business Wire  
Friday, September 22, 2000 12:37 EDT  
JOURNAL CODE: BW LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
DOCUMENT TYPE: NEWSWIRE  
WORD COUNT: 1,028

...as multichannel audio decoding, with the ability to add programs for unique features such as parametric equalization or sound field simulation.  
Using 24-bit arithmetic and extended registers to maintain audio headroom, the DSP56362...

...chip's power still available for post processing such as headphone downmixes, speaker equalization, tone controls and volume control.

Decoding the incoming digital audio is only part of the job. An audio system also has to handle essential tasks...

...usual functions, firmware) modules that can implement all the audio processing needed for a complete audio system -- for example bass and treble control, parametric equalization, speaker compensation, soundfield processing and volume control. Currently available "standard" PPP's include Dolby...

...can be hard to keep the final operating volume of the system constant. The software architecture provides volume management to solve this problem and allows the user to switch decoders and change post processing without having...

12/3,K/22 (Item 1 from file: 613)  
DIALOG(R)File 613:PR Newswire  
(c) 2007 PR Newswire Association Inc. All rts. reserv.

00429515 20001004SFW118 (USE FORMAT 7 FOR FULLTEXT)  
Micronas Chipset Enables Playback And Recording of Music Into Digital Mp3 Format  
PR Newswire  
Wednesday, October 4, 2000 12:21 EDT  
JOURNAL CODE: PR LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
DOCUMENT TYPE: NEWSWIRE  
WORD COUNT: 671

...formats of voice recording.

The chips are based on a RISC (Reduced Instruction Set Computer) architecture and a DSP (Digital Signal Processor), enabling efficient processing of audio data. The highly integrated ICs feature on-chip high performance stereo A...

...can convert analog signals into digital signals. The D/A-converter reaches a signal-to-noise ratio of 95 dB and delivers an output of 5 to 15 mw.

Additionally, two DC/DC converters allow...  
...The MASF chip features Micronas Perfect Bass (MPB), integrated audio algorithms that guarantee the highest sound quality and automatic volume control. These features make the listener feel like being in a concert hall.  
MPB will be...

^ 12/3,k/23 (Item 1 from file: 624)  
DIALOG(R)File 624:McGraw-Hill Publications  
(c) 2007 McGraw-Hill Co. Inc. All rts. reserv.

01013285

The Art and Science of Sound: ARCHITECTS AND ACOUSTICIANS MUST LISTEN TO ONE ANOTHER TO INTEGRATE GOOD DESIGN AND GOOD ACOUSTICS IN PERFORMING ARTS CENTERS.

by William Weathersby Jr.  
Architectural Record, Vol. 76, No. 5, Pg 255  
May, 1999  
JOURNAL CODE: AR  
SECTION HEADING: TECHNOLOGY ISSN: 0003-858X  
WORD COUNT: 1,344

TEXT:

... of an interior space is one of the most crucial and widely debated aspects of architectural design for the performing0 arts. From musicians and actors to critics and opening-night patrons, "How does it sound...

...century that are still revered today "were not designed on the basis of contemporary architectural acoustic criteria," notes Christopher Jaffe of Jaffe Holden Scarbrough Acoustics. "At best, architects copied the geometries of halls that the musical community considered successful for...  
... acoustical consultant. He patented the earliest acoustical tile and opened a laboratory dedicated to the measurement of sound absorption of materials and sound transmission of wall structures. His techniques are still part of the contemporary acoustician's repertoire. The sabin, the unit of measurement of acoustic absorption, is named for him.

In this century, acousticians have continued to research the relationship...

...and overall warmth of sound pleasing to the human ear."

When steel and poured-concrete construction methods replaced solid masonry at midcentury, the interior surfaces of new performance spaces were often still plaster, but it was mounted over hollow cavities. The lack of...

12/3,k/24 (Item 2 from file: 624)  
DIALOG(R)File 624:McGraw-Hill Publications  
(c) 2007 McGraw-Hill Co. Inc. All rts. reserv.

0585741

Now Departing: Airport Noise : Retrofitting buildings to reduce the effects of airport noise isn't just a matter of developing appropriate details. Professionals must be keenly aware of tight budgets, locally ordained bidding procedures, and the sensitivities of affected homeowners. Jet airplanes' longer, low-frequency sound waves can actually set a flimsy building envelope in motion. These frequencies are most difficult to remedy; short waves are deflected. As a rule, the greater the mass of the building, the less noise will infiltrate.

Wendy Talarico  
Architectural Record, Pg 32  
July, 1994  
JOURNAL CODE: AR  
SECTION HEADING: THE PROFESSION Acoustics ISSN: 0003-858X  
WORD COUNT: 1,874

TEXT:

...by a factor of 10 since much less noise can disturb sleep.

sealing the paths noise takes

"The best structures for noise abatement are concrete bunkers," says acoustical engineer Julie Wiebusch, a principal at The Greenbusch Group in ...

... it's up to the architect and the acoustical engineer to develop a hierarchy of noise - abatement measures. Orienting the building properly is the first step, Wiebusch says. The North Sea Tac Community...

...gym backs up to the runway, its concrete-masonry bulk shielding the rest of the structure.

It's also important to specify high-performance windows and doors. The latter should be either solid-core wood, or insulated metal or...

12/3,K/25 (Item 3 from file: 624)  
DIALOG(R)File 624:McGraw-Hill Publications  
(C) 2007 McGraw-Hill Co. Inc. All rts. reserv.

0526367  
BG&E JOINS GROUP TO COMMERCIALIZE PROCESS TO CUT TRANSFORMER NOISE  
Electric Utility Week, Pg 4  
November 1, 1993  
JOURNAL CODE: EUW  
ISSN: 0046-1695  
WORD COUNT: 276

TEXT:

... Electric Utility Week that the technology is expected to cost about 25% less than present noise -control measures, such as the construction of sound walls, which increase transformer heat and cut efficiency.

The additional testing is to involve 25 varied sites, with commercial marketing scheduled in 1995...

12/3,K/26 (Item 1 from file: 634)  
DIALOG(R)File 634:San Jose Mercury  
(C) 2007 San Jose Mercury News. All rts. reserv.

10610185  
NEIGHBORS TO FIGHT MAINTENANCE YARD NEW FOES TAKE ON CALTRAIN PROPOSAL  
San Jose Mercury News (SJ) - Wednesday, April 19, 2000  
By: JANICE ROMBECK, Mercury News Staff Writer  
Edition: Morning Final Section: Local Page: 1B  
Word Count: 905

... figure out how to limit future impact on the neighborhood. Caltrain is looking at such measures as constructing sound walls, insulating buildings, performing noisier tests indoors and using smaller engines to move cars within the yard, said Rita...

12/3,K/27 (Item 1 from file: 813)

DIALOG(R)File 813:PR Newswire  
(c) 1999 PR Newswire Association Inc. All rts. reserv.

1117884 SFF005  
Level One Communications Releases a Family of Industry-First World Standard  
E1 Quad Transceivers for High-Growth, International Telecom Markets

DATE: June 27, 1997 06:01 EDT WORD COUNT: 609

... order to optimize power, size and device cost for the new international market."

#### Real World Performance

Level One has designed an innovative, patent-pending line driver architecture for LXT334 and LXT335. Transmit return loss performs at a minimum of 20 dB for high-quality signal transmission in noisy environments. On the receive side, noise immunity performance is an industry-high 15 dB. As a result, LXT334- and LXT335-based systems can be deployed in the noisiest environments...

~~ Non-Patent Literature: Full Text [group 2 or 3]  
Dialog files: 16,148,160,275,621,636

File 16:Gale Group PROMT(R) 1990-2007/Mar 21  
(c) 2007 The Gale Group  
File 148:Gale Group Trade & Industry DB 1976-2007/Mar 13  
(c)2007 The Gale Group  
File 160:Gale Group PROMT(R) 1972-1989  
(c) 1999 The Gale Group  
File 275:Gale Group Computer DB(TM) 1983-2007/Mar 21  
(c) 2007 The Gale Group  
File 621:Gale Group New Prod.Annou.(R) 1985-2007/Mar 09  
(c) 2007 The Gale Group  
File 636:Gale Group Newsletter DB(TM) 1987-2007/Mar 21  
(c) 2007 The Gale Group

Set	Items	Description
S1	2504765	NOISE OR NOISY OR SOUND OR SOUNDS OR ACOUSTIC OR ACOUSTICS OR ACOUSTICALLY OR SONIC OR AUDIBLE OR AUDIBLY OR AUDIO OR AU- DITORY OR AURAL OR HEARING OR PHONIC OR AURALI?ATION OR HARMO- NIC OR HARMONICS
S2	2999045	DECIBEL OR DECIBELS OR DB OR PRESSURE()(LEVEL OR LEVELS) OR PARAMETER OR PARAMETERS OR PARAMETRIC OR PARAMETRICS OR METR- ICS OR CRITERIA OR MEASURE? ? OR MEASUREMENT? ?
S3	6192634	PROPAGATE??? OR DISPERS??? OR TRANSMIT?? OR TRANSMISSION OR ABATEMENT OR ABATING OR ABATE? ? OR CONTROL??? OR QUIET??? OR QUIETEN??? OR RAY()TRACING OR INSULAT??? OR DAMPEN OR HUSH OR SILENC??? OR ASSUAGE???
S4	9117128	SOLUTION? ? MEDIAT??? OR RESOLUTION? ? OR PERFORMANCE OR P- ERFORMING OR ACCOMPLISH??? OR ACCOMPLISHMENT OR OBJECTIVE?? OR GOAL OR GOALS OR EFFICIEN?? OR OPTIMIZING OR SOLVE OR SOLVING OR RESOLVE OR RESOLVING
S5	9725098	ROOM OR ROOMS OR BUILDING OR BUILDINGS OR ARCHITECTUR?? OR CONSTRUCTION OR HOUSE? ? OR HOUSING OR STRUCTUR?? OR EDIFICE? ? OR HIGHRISES OR HIGH()RISE? ? OR APARTMENTS
S6	38857	S1(6N)S2
S7	78234	S1(4N)S3
S8	2566	S6(S)S7
S9	395098	S4(8N)S5
S10	60	S8(2S)S9
S11	21	S10 NOT PY>2000
S12	19	RD (unique items)

12/3,K/1 (Item 1 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2007 The Gale Group. All rts. reserv.

09200033 Supplier Number: 77434697 (USE FORMAT 7 FOR FULLTEXT)  
CARL MARTIN.  
Cleveland, Barry  
Electronic Musician, v15, n12, p176  
Dec, 1999  
Language: English Record Type: Fulltext  
Document Type: Newsletter; Trade  
Word Count: 675

... line of pedals that, much like the old TC pedals, are handmade in Denmark, come housed in rugged metal casings, and sport high-performance components.

#### The Mettle of the Pedal

The Carl Martin Compressor/Limiter (\$249.95) can produce some of the same sounds as the old TC Parametric EQ/Sustainer (less the EQ, of course), but it has far more parameter control and sonic flexibility. In fact, it has more features than any dynamics pedal I am aware of...

12/3,K/2 (Item 1 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2007 The Gale Group. All rts. reserv.

12738045 SUPPLIER NUMBER: 66498948 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
SDI Hollow Metal Door Specification Review.  
Ebeling, Richard  
Doors and Hardware, 64, 10, 28  
Oct, 2000  
ISSN: 0361-5294 LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 1680 LINE COUNT: 00143

... construction may be the most economical, if it does not comply with the pass/fall criteria of these performance specifications -- and with sound, insulation or cycle testing -- the product is not acceptable within the standard.

The ASTM standards are...

12/3,K/3 (Item 2 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2007 The Gale Group. All rts. reserv.

12344063 SUPPLIER NUMBER: 58543692 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Trends in cooling towers.  
Katzel, Jeanine  
Plant Engineering, 54, 1, 38  
Jan 31, 2000  
ISSN: 0032-082X LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 2819 LINE COUNT: 00240

... a dampening effect on sound. Sound also declines with distance. However, in some cases, additional noise attenuation measures may be desirable.

Noise is typically of greatest concern at night when members of the surrounding community are sleeping...

...of tower fans, preventing the tower from cycling on and off unnecessarily. This relatively inexpensive noise abatement modification can pay for itself quickly through reduced energy costs.

The addition of low noise...

12/3,K/4 (Item 3 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2007 The Gale Group. All rts. reserv.

11917341 SUPPLIER NUMBER: 60301138 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
USWA involved in legal disputes with AK and Rocky Mountain Steel.

New Steel, 16, 2, 8

Feb, 2000

ISSN: 1074-1690

LANGUAGE: English

RECORD TYPE: Fulltext

WORD COUNT: 1301

LINE COUNT: 00106

... maker "a special deal" that is "probably illegal" because it provides RMSM with relaxed pollution- control measures and sidesteps public- hearing requirements, the union says. "The CDPHE has allowed (RMSM) to abuse the system long enough...

12/3,K/5 (Item 4 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2007 The Gale Group. All rts. reserv.

11789767

SUPPLIER NUMBER: 58576951

(USE FORMAT 7 OR 9 FOR FULL TEXT)

Product Locator.

Appliance Manufacturer, 47, 12, PL-1

Dec, 1999

ISSN: 0003-679X

LANGUAGE: English

RECORD TYPE: Fulltext

WORD COUNT: 35331

LINE COUNT: 08942

... Windsor Plastic, Inc.  
Yeoman Engineering

DIALS AND SCALES

Analogic Corp., Measurement &  
Control Division (MCD)

Automation Fastening Co., Inc.

Bourns Inc.

Chicago Name Plate Co.

Cosmo Corporation

Decor Products, Inc.

Elmec Products Co...

12/3,K/6 (Item 5 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2007 The Gale Group. All rts. reserv.

10651925

SUPPLIER NUMBER: 21275771

(USE FORMAT 7 OR 9 FOR FULL TEXT)

Heavy-duty noise control. (soundproofing in diesel trucks)(includes related article on decoupled barriers)

Blanner, Michael A.

Machine Design, v70, n19, p90(5)

Oct 22, 1998

ISSN: 0024-9114

LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 1969

LINE COUNT: 00169

... barrier. Foam, however, with its air-filled cells, provides a good alternative.

Double-wall barrier construction acts like a spring-mass system, where spring performance is controlled by its stiffness and thickness. The lower the stiffness, the lower the frequency...

...system acts like a single-wall barrier system, with an increasing slope of only 6 db /octave.

Noise control experts can determine if the double-wall resonance frequency correlates with a peak frequency in...

12/3,K/7 (Item 6 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

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10371693

SUPPLIER NUMBER: 20978681

(USE FORMAT 7 OR 9 FOR FULL TEXT)

Careful design and evaluation required to reduce station noise.

McDaniel, Michael L.; Biker, William E.

Pipe Line & Gas Industry, v81, n7, p23(8)

July, 1998

ISSN: 1079-8765

LANGUAGE: English

RECORD TYPE: Fulltext

WORD COUNT: 6420

LINE COUNT: 00567

... and the contribution of each source to the total sound level.

To meet a design goal, the engine exhausts, engine intakes, compressor building (the noise from the engine casings and building ventilation system) and the coolers are each...

...sum of the sound performance levels should equal the sound level goal.

The octave band acoustic specifications for the noise control measures are determined from the equipment octave band source levels, and quotations can be requested and a cost analysis completed.

The noise control measure acoustic specifications should include the following:

Exhaust. The required silenced engine exhaust octave band PWLs, along

...

12/3,K/8 (Item 7 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

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09699026 SUPPLIER NUMBER: 19680223 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Fee not-so-simple. (tying profits of design, construction, architectural and engineering firms to customer satisfaction; includes related article on how HLW International decided to meet the quality criteria)

Gregerson, John

Building Design & Construction, v38, n8, p30(3)

August, 1997

ISSN: 0007-3407

LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 1707

LINE COUNT: 00137

... 14 survey questions covering the following criteria: HVAC, acoustics, odor control, vibration, lighting, fume-hood performance, quality of construction (finishes), building appearance and user-friendliness. Although Batcher will not release the survey for publication, he indicated...

...acceptable performance levels for the measurable criteria, such as acoustics. "The users were concerned about sound transmission between labs, Healy said. "So we brought in a soundtest machine and sent them into

...

12/3,K/9 (Item 8 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

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07241866 SUPPLIER NUMBER: 15146225 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Sound blocks. (concrete masonry's acoustical properties and performance)

Shade, Neil Thompson

Progressive Architecture, v75, n4, p88(5)

April, 1994

ISSN: 0033-0752

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 1910

LINE COUNT: 00153

... Noise Control in Buildings, Chapter 5, McGraw Hill, 1993.

Harris, Cyril, M., Handbook of Acoustical Measurements and Noise Control, Chapter 3 1, McGraw Hill, 1991.

Warnock, A. C. C., "Sound Transmission Through Concrete Blocks...

12/3,K/10 (Item 9 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

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06466471

SUPPLIER NUMBER: 13829157

(USE FORMAT 7 OR 9 FOR FULL TEXT)

Compressors: suppliers embrace the challenges and opportunities in new refrigerants and higher efficiency requirements. (includes manufacturers' information file)

Simpson, David

Appliance, v50, n5, p51(5)

May, 1993

ISSN: 0003-6781

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT

WORD COUNT: 4620

LINE COUNT: 00381

... minimize noise, even as efficiencies increase. According to F. Giusto, of Electrolux Compressor of Italy, "Sound measurements according to international standards are always made to investigate the quantity and the quality of...

12/3,K/11 (Item 10 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

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06117129 SUPPLIER NUMBER: 12618397 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Lower plant noise with lagging: this new ethylene facility used a detailed design analysis to assure compliance with stringent environmental regulation. (Environmental Focus)

Frank, Leslie D.; Dembicki, Dennis R.

Hydrocarbon Processing, v71, n8, p83(3)

August, 1992

ISSN: 0018-8190

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT

WORD COUNT: 2607

LINE COUNT: 00219

... with the direction of gas flow.

If the silencer is too close to the compressor, performance drops. This is due to structural vibration propagation down the pipe wall between the compressor and silencer. Installation of acoustical silencers ...silencers used in a process gas stream. One big concern with them is loss of performance due to structural flanking.

Engineering specs. Engineering specifications for inline silencers include:

\* Acoustical lagging of piping up to...

12/3,K/12 (Item 11 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

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05415495 SUPPLIER NUMBER: 11078912 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Acoustical performance of windows. (Technics Focus: Windows and Doors)

Tocci, Gregory C.

Progressive Architecture, v72, n8, p115(6)

August, 1991

ISSN: 0033-0752

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT

WORD COUNT: 4031

LINE COUNT: 00326

... The ability of a material to limit the transmission of sound is quantified using the sound transmission loss (TL), expressed in decibels ( dB ). The higher the sound transmission loss, the better the material is in limiting the passage of sound. Sound transmission loss is measured in a laboratory in accordance with ASTM E 90 Method for Laboratory Measurement of Airborne-Sound Transmission of Building Partitions. [3] The test involves mounting a material or building wall system in...

...rating, the better the sound isolation performance.

The STC contour was developed to rate the performance of materials and building partition systems with respect to "standard household noise," that is, speech and sound produced by...

12/3,K/13 (Item 12 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

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05130258 SUPPLIER NUMBER: 10555504 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
The Armstrong Innovation Center: building on a tradition of solid R & D.  
(Special Issue: Interior Environments)(Research and  
Development)(Management and Operations)  
Sraeel, Holly  
Buildings, v85, n3, p54(3)  
March, 1991  
ISSN: 0007-3725 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
WORD COUNT: 1185 LINE COUNT: 00101

... noise transmission in the workplace.  
Stimulating ideas and innovative technologies - not to mention  
stringent in-house product performance levels that go beyond testing  
standards - will continue to set a building products manufacturer like...

12/3,k/14 (Item 13 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2007 The Gale Group. All rts. reserv.

05102873 SUPPLIER NUMBER: 10413387 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Sound isolation in floors. (Technics Focus: Flooring )  
Foulkes, Timothy J.; Tocci, Gregory C.  
Progressive Architecture, v72, n3, p121(4)  
March, 1991  
ISSN: 0033-0752 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
WORD COUNT: 1595 LINE COUNT: 00128

... 411 pp.  
Research Project on the Noise Isolation Provided by Floor/Ceiling  
Assemblies in Wood Construction, MJM Acoustical Consultants; Sound  
Performance of Wood/Floor Ceiling Assemblies, MJM Acoustical Consultants;  
Canada Mortgage and Housing Corporation, Ottawa, (613...

^ 12/3,k/15 (Item 14 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2007 The Gale Group. All rts. reserv.

03333239 SUPPLIER NUMBER: 06273637 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Guidelines for building noise control enclosures.  
Carney, Kenneth E.  
Plant Engineering, v41, n23, p68(4)  
Dec 17, 1987  
ISSN: 0032-082X LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
WORD COUNT: 1987 LINE COUNT: 00160

... measurement is the sound transmission class (STC), a method of  
rating the airborne sound transmission performance of a wall or a  
floor/ceiling structure at different frequencies by means of a single  
number. The higher the STC, the better the airborne noise control  
performance of the structure. An STC of 50 or more is considered a good  
rating.

Analysis of the Problem...must be impervious to airflow. All wall  
openings must be sealed and caulked if a noise reduction of more than 10  
dB is to be attained.

Two primary wall designs are available: single or double layered.  
Single...

...space between the boards with a sound absorption material improves the  
NR significantly. Glass fiber insulation can reduce noise as much as 12  
dB, depending on the type, thickness, and sound wave frequency. In  
Table II, the sound transmission loss (in decibels) and the STC of  
some wood stud wall construction are given; Table III presents sound...

12/3,k/16 (Item 1 from file: 160)

DIALOG(R)File 160:Gale Group PROMT(R)  
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01633265

McDonnell Douglas UHB Demonstrator Flies with GE Unducted Fan Engine.  
AVIATION WEEK & SPACE TECHNOLOGY May 25, 1987 p. 32-341

... were attained. The test program is expected to end in 3/88. Tests will include structural effects, interior and exterior noise, thrust, fuel efficiency, handling, aerodynamics, and aircraft performance and handling. Future tests will extend the flight envelope to...

... will more closely resemble the planned 12/10-blade configuration of the production engine. Interior noise will be measured with progressive levels of sound insulation, from a bare fuselage to full soundproofing. After the completion of the UDF test program...

12/3,k/17 (Item 1 from file: 636)  
DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
(c) 2007 The Gale Group. All rts. reserv.

04407150 Supplier Number: 55473951 (USE FORMAT 7 FOR FULLTEXT)  
System Design Showcase; KCET: Digital Educational Telecommunications Center.  
Wenhardt, Darrell  
Broadcast Engineering, pNA  
July, 1999  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Newsletter; Trade  
Word Count: 1959

... Systems evaluated building infrastructure requirements for power, grounding, HVAC, mechanical systems, acoustics and signal distribution.

Acoustics Sound transmission control and control room interior acoustical treatment was critical. All production control, editing and master control rooms were designed to implement full 5.1 surround sound. Not only did room interior noise criteria levels become critical, but sound transmission levels between walls and ceilings became even more important to isolate the additional subwoofer energy. Thus, the design goal for building partition sound transmission ratings ran STC-50 to STC-62. In-room noise criteria requirements ranged from NC-15 to NC-30.

A combination of isolated slab subfloors, floating...

...wall construction, floating ceiling lids and cavity absorption were employed to achieve both good in-room acoustical performance and excellent audio containment between adjacent rooms.

Cable and signal distribution An 18-inch raised-access flooring system was designed as the...

12/3,k/18 (Item 2 from file: 636)  
DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
(c) 2007 The Gale Group. All rts. reserv.

02771283 Supplier Number: 45623633 (USE FORMAT 7 FOR FULLTEXT)  
HIGH-PERFORMANCE PC-CONTROLLED AUDIO TEST SYSTEM FROM THURLBY THANDER  
INFORMATION  
M2 Presswire, pN/A  
June 23, 1995  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 480

... facilities for measuring every parameter specified in AES3: the standard document governing professional serial digital audio transmission.

Measurement capabilities include, but are not limited to, jitter and

FFT of jitter, pulse amplitude, eye...

...house synchronisation signal, including NTSC, PAL and SECAM video.

The system features true dual domain architecture , with separate high - performance hardware for analogue and digital domain signals. This design avoids the need for constant reliance...

12/3,k/19 (Item 3 from file: 636)  
DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
(c) 2007 The Gale Group. All rts. reserv.

02710491 Supplier Number: 45498075 (USE FORMAT 7 FOR FULLTEXT)  
TTI TO LAUNCH AUDIO PRECISION'S SYSTEMS TWO AT AUDIO TECHNOLOGY 95  
M2 Presswire, pN/A  
April 27, 1995  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 493

... facilities for measuring every parameter specified in AES3: the standard document governing professional serial digital audio transmission .

Measurement capabilities include, but are not limited to, jitter and FFT of jitter, pulse amplitude, eye...

...house synchronisation signal, including NTSC, PAL and SECAM video.

The system features true dual domain architecture , with separate high - performance hardware for analogue and digital domain signals. This design avoids the need for constant reliance...

~~ Non-Patent Literature: Full Text [group 3 or 3]  
Dialog file: 20

File 20:Dialog Global Reporter 1997-2007/Mar 22  
(c) 2007 Dialog

Set	Items	Description
S1	2665308	NOISE OR NOISY OR SOUND OR SOUNDS OR ACOUSTIC OR ACOUSTICS OR ACOUSTICALLY OR SONIC OR AUDIBLE OR AUDIBLY OR AUDIO OR AUDITORY OR AURAL OR HEARING OR PHONIC OR AURALI?ATION OR HARMONIC OR HARMONICS
S2	2699450	DECIBEL OR DECIBELS OR DB OR PRESSURE()(LEVEL OR LEVELS) OR PARAMETER OR PARAMETERS OR PARAMETRIC OR PARAMETRICS OR METRICS OR CRITERIA OR MEASURE? ? OR MEASUREMENT? ?
S3	5007625	PROPAGATE??? OR DISPERS??? OR TRANSMIT?? OR TRANSMISSION OR ABATEMENT OR ABATING OR ABATE? ? OR CONTROL??? OR QUIET??? OR QUIETEN??? OR RAY()TRACING OR INSULAT??? OR DAMPEN OR HUSH OR SILENC??? OR ASSUAGE???
S4	8157001	SOLUTION? ? MEDIAT??? OR RESOLUTION? ? OR PERFORMANCE OR PERFORMING OR ACCOMPLISH??? OR ACCOMPLISHMENT OR OBJECTIVE?? OR GOAL OR GOALS OR EFFICIEN?? OR OPTIMIZING OR SOLVE OR SOLVING OR RESOLVE OR RESOLVING
S5	10680619	ROOM OR ROOMS OR BUILDING OR BUILDINGS OR ARCHITECTUR?? OR CONSTRUCTION OR HOUSE? ? OR HOUSING OR STRUCTUR?? OR EDIFICE? ? OR HIGHRISES OR HIGH()RISE? ? OR APARTMENTS
S6	16381	S1(8N)S2
S7	45046	S1(6N)S3
S8	1473	S6(2S)S7
S9	329459	S4(12N)S5
S10	30	S8(2S)S9
S11	9	S10 NOT PY>2000

11/3,k/1  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2007 Dialog. All rts. reserv.

14443592 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
PRC Sichuan Holds Meeting on Party's Control Over Armed Forces  
Report: "Provincial Party Committee Holds Meeting on Party's Control Over  
Armed Forces"  
WORLD NEWS CONNECTION  
December 20, 2000  
JOURNAL CODE: WWNC LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 1500

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... real terms. Meanwhile, they must enhance their sense of responsibility, pay close attention to the building of systems, take earnest steps to resolve practical problems, and promote the building of defense reserve forces.

In his speech at the meeting, Zhang Zhongwei also urged governments...

11/3,k/2  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2007 Dialog. All rts. reserv.

14301736  
New house evaluation system aims to aid buyers  
YOMIURI SHIMBUN/DAILY YOMIURI  
December 19, 2000  
JOURNAL CODE: FYOM LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 578

... the quality was explained in ambiguous ways, causing confusion among consumers." The new system's criteria cover nine qualities such as strength, sound insulation and energy conservation. As far as the strength of houses are concerned, Grade 1 is...

...fixed cost of 10,000 yen per case, which is paid by the plaintiff. The Housing Performance Indicating System, as the new scheme is called, is one of the pillars of the...

11/3,k/3  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2007 Dialog. All rts. reserv.

13145343 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
Micronas Chipset Enables Playback and Recording of Music Into Digital MP3  
Format  
PR NEWSWIRE  
October 04, 2000  
JOURNAL CODE: WPRW LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 660

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... The MASF chip features Micronas Perfect Bass (MPB), integrated audio algorithms that guarantee the highest sound quality and automatic volume control. These features make the listener feel like being in a concert hall. MPB will be...

^ 11/3,k/4  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2007 Dialog. All rts. reserv.

12956609 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
Digital Audio Engines Offer a Fast Track to Multichannel Audio Decoding  
BUSINESS WIRE  
September 22, 2000  
JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 1028

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... can be hard to keep the final operating volume of the system constant. The software architecture provides volume management to solve this problem and allows the user to switch decoders and change post processing without having...

11/3,k/5

DIALOG(R)File 20:Dialog Global Reporter  
(c) 2007 Dialog. All rts. reserv.

12847724 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Property: The Benefits Of Timber And Brick: New Homes

Marsya Lennox Property Correspondent

BIRMINGHAM POST, p50

September 15, 2000

JOURNAL CODE: FBMP LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 474

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... independent Building Research Establishment has also spoken in its favour, reporting: 'If all dwellings had sound insulation as good as that measured in party walls of timber frame dwellings, the problem of noise from neighbours would be...

11/3,k/6

DIALOG(R)File 20:Dialog Global Reporter  
(c) 2007 Dialog. All rts. reserv.

10646613 (USE FORMAT 7 OR 9 FOR FULLTEXT)

New Foes Take on Proposed Rail Maintenance Facility in San Jose, Calif.

Janice Rombeck

KRTBN KNIGHT-RIDDER TRIBUNE BUSINESS NEWS ( SAN JOSE MERCURY NEWS - CALIFORNIA)

April 19, 2000

JOURNAL CODE: KSJM LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 914

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... neighborhood. Based on concerns, Caltrain is looking at such measures as constructing sound walls, insulating buildings, performing the noisier tests indoors and using smaller engines to move around cars within the yard...

11/3,k/7

DIALOG(R)File 20:Dialog Global Reporter  
(c) 2007 Dialog. All rts. reserv.

09209300 (USE FORMAT 7 OR 9 FOR FULLTEXT)

U.S. TAKES LEGAL ACTION TO BLOCK EUROPE'S NOISY AIRCRAFT BAN

ENVIRONMENT NEWS SERVICE

January 19, 2000

JOURNAL CODE: WENS LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 666

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... are a stop gap measure adopted by the U.S. to avoid implementing more expensive noise and pollution control measures, and that hush kit fitted engines emit more pollutants than newer engines.

The core of the dispute is...

11/3,k/8

DIALOG(R)File 20:Dialog Global Reporter  
(c) 2007 Dialog. All rts. reserv.

03930702 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
Critchfield Mechanical Wins Contracting Business Magazine Design/Build  
Award for Hawaii Project  
BUSINESS WIRE  
January 06, 1999  
JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 690

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... This went as far as considerations of the effects of electrical  
harmonic distortion on the structure and its occupants. The efforts  
resulted in goal attainment plus a significant energy conservation rebate  
from Hawaiian Electric Co.

The article details a...

11/3,k/9

DIALOG(R)File 20:Dialog Global Reporter  
(c) 2007 Dialog. All rts. reserv.

03793245 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
Chinese president's speech to mark 20 years of reform - part one  
BBC MONITORING INTERNATIONAL REPORTS  
December 18, 1998  
JOURNAL CODE: WBMS LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 2559

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... the goal of building a socialist market economic structure, and  
adopted a host of macroeconomic control measures to promote the rapid  
and sound (you kuai you hao; probable STC's 0642 1816 0642 1170) economic  
development. We also...

~~ Non-Patent Literature: Non-Full Text

Dialog files: 2,7,35,256,474,475,583,169,mecheng

File 2:INSPEC 1898-2007/Mar w2  
(c) 2007 Institution of Electrical Engineers  
File 7:Social SciSearch(R) 1972-2007/Mar w3  
(c) 2007 The Thomson Corp  
File 35:Dissertation Abs Online 1861-2007/Feb  
(c) 2007 ProQuest Info&Learning  
File 256:TecInfoSource 82-2007/Oct  
(c) 2007 Info.Sources Inc  
File 474:New York Times Abs 1969-2007/Mar 22  
(c) 2007 The New York Times  
File 475:Wall Street Journal Abs 1973-2007/Mar 22  
(c) 2007 The New York Times  
File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13  
(c) 2002 The Gale Group  
File 169:Insurance Periodicals 1984-1999/Nov 15  
(c) 1999 NELS Publishing Co.  
File 6:NTIS 1964-2007/Mar w3  
(c) 2007 NTIS, Intl Cpyrght All Rights Res  
File 8:EI Compendex(R) 1884-2007/Mar w1  
(c) 2007 Elsevier Eng. Info. Inc.  
File 14:Mechanical and Transport Engineer Abstract 1966-2007/Mar  
(c) 2007 CSA  
File 25:weldasearch 1966-2007/Jan  
(c) 2007 TWI Ltd  
File 33:Aluminium Industry Abstracts 1966-2007/Mar

(c) 2007 CSA.  
File 34:SciSearch(R) Cited Ref Sci 1990-2007/Mar w3  
(c) 2007 The Thomson Corp  
File 57:Electronics & Communications Abstracts 1966-2007/Mar  
(c) 2007 CSA.  
File 60:ANTE: Abstracts in New Tech & Engineer 1966-2007/Mar  
(c) 2007 CSA.  
File 61:Civil Engineering Abstracts. 1966-2007/Mar  
(c) 2007 CSA.  
File 63:Transport Res(TRIS) 1970-2007/Feb  
(c) fmt only 2007 Dialog  
File 65:Inside Conferences 1993-2007/Mar 22  
(c) 2007 BLDSC all rts. reserv.  
File 81:MIRA - Motor Industry Research 2001-2007/Dec  
(c) 2007 MIRA Ltd.  
File 92:IHS Intl.Stds.& Specs. 1999/Nov  
(c) 1999 Information Handling Services  
File 94:JICST-EPlus 1985-2007/Mar w4  
(c)2007 Japan Science and Tech Corp(JST)  
File 95:TEME-Technology & Management 1989-2007/Mar w3  
(c) 2007 FIZ TECHNIK  
File 96:FLUIDEX 1972-2006/Aug  
(c) 2006 Elsevier B.V.  
File 99:Wilson Appl. Sci & Tech Abs 1983-2007/Feb  
(c) 2007 The HW Wilson Co.  
File 104:AeroBase 1999-2007/Mar  
(c) 2007 Contains copyrighted material  
File 134:Earthquake Engineering Abstracts 1966-2007/Mar  
(c) 2007 CSA.  
File 293:Engineered Materials Abstracts 1966-2007/Mar  
(c) 2007 CSA.  
File 335:Ceramic Abstracts/World Ceramics Abstracts 1966-2007/Mar  
(c) 2007 CSA.  
File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec  
(c) 2006 The Thomson Corp

Set	Items	Description
S1	2703033	NOISE OR NOISY OR SOUND OR SOUNDS OR ACOUSTIC OR ACOUSTICS OR ACOUSTICALLY OR SONIC OR AUDIBLE OR AUDIBLY OR AUDIO OR AUDITORY OR AURAL OR HEARING OR PHONIC OR AURALI?ATION OR HARMONIC OR HARMONICS
S2	12241634	DECIBEL OR DECIBELS OR DB OR PRESSURE() (LEVEL OR LEVELS) OR PARAMETER OR PARAMETERS OR PARAMETRIC OR PARAMETRICS OR METRICS OR CRITERIA OR MEASURE? ? OR MEASUREMENT? ?
S3	10554296	PROPAGATE??? OR DISPERS??? OR TRANSMIT?? OR TRANSMISSION OR ABATEMENT OR ABATING OR ABATE? ? OR CONTROL??? OR QUIET??? OR QUIETEN??? OR RAY()TRACING OR INSULAT??? OR DAMPEN OR HUSH OR SILENC??? OR ASSUAGE???
S4	10350097	SOLUTION? ? MEDIAT??? OR RESOLUTION? ? OR PERFORMANCE OR PERFORMING OR ACCOMPLISH??? OR ACCOMPLISHMENT OR OBJECTIVE?? OR GOAL OR GOALS OR EFFICIEN?? OR OPTIMIZING OR SOLVE OR SOLVING OR RESOLVE OR RESOLVING
S5	12396164	ROOM OR ROOMS OR BUILDING OR BUILDINGS OR ARCHITECTUR?? OR CONSTRUCTION OR HOUSE? ? OR HOUSING OR STRUCTUR?? OR EDIFICE? ? OR HIGHRISES OR HIGH()RISE? ? OR APARTMENTS
S6	294756	S1(4N)S2
S7	197512	S1(4N)S3
S8	16202	S6(20N)S7
S9	369382	S4(4N)S5
S10	78	S8(12N)S9
S11	48	S10 NOT PY>2000
S12	38	RD (unique items)

12/3,K/1 (Item 1 from file: 2)  
DIALOG(R)File 2:INSPEC  
(c) 2007 Institution of Electrical Engineers. All rts. reserv.

05241428 INSPEC Abstract Number: C9211-3350G-001  
Title: Non-linear inferential control of packed-bed reactors

Author(s): Chun-Yu Chen; Chang-Chuen Sun  
Author Affiliation: Dept. of Appl. Chem., Chung-Cheng Inst. of Technol.,  
Tashi, Taiwan  
Journal: International Journal of Systems Science vol.23, no.7 p.  
1063-82  
Publication Date: July 1992 Country of Publication: UK  
CODEN: IJSYA9 ISSN: 0020-7721  
U.S. Copyright Clearance Center Code: 0020-7721/92/\$3.00  
Language: English  
Subfile: C

...Abstract: non-linear and unmeasured output process control problems,  
and the effects of modelling errors and measurement noise on control  
system performance. The basic structure of an inferential control  
system is coupled with a state estimator and a controller consisting...

12/3,K/2 (Item 2 from file: 2)  
DIALOG(R)File 2:INSPEC  
(C) 2007 Institution of Electrical Engineers. All rts. reserv.

04801284 INSPEC Abstract Number: A91022537  
Title: Subjective assessment of indoor noises-basic experiments with  
artificial sounds  
Author(s): Tachibana, H.; Yano, H.; Sonoda, Y.  
Author Affiliation: Inst. of Ind. Sci., Tokyo Univ., Japan  
Journal: Applied Acoustics vol.31, no.1-3 p.173-84  
Publication Date: 1990 Country of Publication: UK  
CODEN: AACOBL ISSN: 0003-682X  
U.S. Copyright Clearance Center Code: 0003-682X/90/\$03.50  
Conference Title: International Symposium on Environmental Acoustics:  
Design and Evaluation of Concert Hall Acoustics  
Conference Date: 15-16 May 1989 Conference Location: Kobe, Japan  
Language: English  
Subfile: A

...Abstract: Stevens, are valid. In addition, it has been found that the  
arithmetic mean value of sound pressure levels in octave bands is  
also a good measure for loudness estimation of low frequency noises.  
Regarding the evaluation of sound insulation efficiency of building  
walls, various assessment measures were compared and it has been suggested  
that the arithmetic mean...

12/3,K/3 (Item 3 from file: 2)  
DIALOG(R)File 2:INSPEC  
(C) 2007 Institution of Electrical Engineers. All rts. reserv.

04391497 INSPEC Abstract Number: A89076090  
Title: An analytical study of a simplified method for measuring airborne  
sound insulation in dwellings  
Author(s): Zhang Xiaoyuan; Wang Jiqing  
Author Affiliation: Inst. of Acoust., Tongji Univ., Shanghai, China  
Journal: Applied Acoustics vol.26, no.3 p.209-15  
Publication Date: 1989 Country of Publication: UK  
CODEN: AACOBL ISSN: 0003-682X  
U.S. Copyright Clearance Center Code: 0003-682X/89/\$03.50  
Language: English  
Subfile: A

...Abstract: number rating (grade index) is regarded as an approximate  
approach to the estimation of the sound insulation performance of  
building elements in the laboratory as well as in the field. Differences  
of weighted sound pressure levels have been more often considered as  
quantitative measures in simplified methods for measuring sound  
insulation in buildings. Most of the usual studies on a simplified method  
have been initiated using...

12/3,K/4 (Item 4 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2007 Institution of Electrical Engineers. All rts. reserv.

02782147 INSPEC Abstract Number: A82004661

Title: A proposed single value rating method for sound insulation of a partition

Author(s): Zhao, S.L.; Wang, C.C.

Author Affiliation: Acoustics Res. Lab., Tongji Univ., Shanghai, China

Conference Title: Inter-Noise 80. Noise Control for the 80's. Proceedings of the 1980 International Conference on Noise Control Engineering p. 747-52 vol.2

Editor(s): Maling, G.C., Jr.

Publisher: Noise Control Found, New York, NY, USA

Publication Date: 1980 Country of Publication: USA 2 vol. xxxvi+1194 pp.

ISBN: 0 931784 03 4

Conference Sponsor: Internat. Inst. Noise Control Eng

Conference Date: 8-10 Dec. 1980 Conference Location: Miami, FL, USA

Language: English

Subfile: A

...Abstract: of existing single value ratings, the authors suggest a comprehensive rating method which coordinates the sound insulation performance with the room noise reduction effect, and also point out the way for field measurement of sound insulation by a short and simple test method.

12/3,K/5 (Item 5 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2007 Institution of Electrical Engineers. All rts. reserv.

02035250 INSPEC Abstract Number: B77014983, C77008233

Title: Vibration and Noise Control Engineering. (Preprints)

Publisher: Instn. Engrs., Australia, Sydney, NSW, Australia

Publication Date: 1976 Country of Publication: Australia xxii+142 pp.

ISBN: 0 85825 066 7

Conference Sponsor: Instn. Engrs., Australia

Conference Date: 11-12 Oct. 1976 Conference Location: Sydney, NSW, Australia

Language: English

Subfile: B C

...Abstract: tactile signal; machine sound and vibration diagnosis by cepstrum analysis; air conditioning duct liner attenuation performance; accelerometers; reverberant room calibration; transmission loss measurement; building hydraulic noise attenuation; pneumatic motor noise; followed by continuous ambient noise level monitoring methods.

12/3,K/6 (Item 6 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2007 Institution of Electrical Engineers. All rts. reserv.

01913228 INSPEC Abstract Number: A76047386

Title: The measurement of sound radiation from room surfaces in lightweight buildings

Author(s): Macadam, J.A.

Author Affiliation: Building Res. Establ. Dept. of the Environment, Garston, UK

Journal: Applied Acoustics vol.9, no.2 p.103-18

Publication Date: April 1976 Country of Publication: UK

CODEN: AACOBL ISSN: 0003-682X

Language: English

Subfile: A

Abstract: when investigating the transmission of sound within a building it is useful to measure the sound powers being radiated by

individual room surfaces. This is normally accomplished using the 'accelerometer method'. This method is shown to be unsuitable for use in lightweight...

12/3,k/7 (Item 1 from file: 7)  
DIALOG(R)File 7:Social SciSearch(R)  
(c) 2007 The Thomson Corp. All rts. reserv.

02743866 Genuine Article#: QV648 No. References: 29  
Title: PHYSIOLOGICAL AND PSYCHOLOGICAL RESPONSES TO LIGHT FLOOR-IMPACT  
SOUNDS GENERATED BY A TAPPING MACHINE IN A WOODEN HOUSE  
Author(s): SUEYOSHI S; MIYAZAKI Y  
Corporate Source: FORESTRY & FOREST PROD RES INST,POB 16/IBARAKI/OSAKA  
305/JAPAN/  
Journal: MOKUZAI GAKKAISHI, 1995, V41, N3, P293-300  
ISSN: 0021-4795  
Language: ENGLISH Document Type: ARTICLE  
(Abstract Available)

...Abstract: men to light floor-impact sounds of 54, 63, 74, and 78 dBA  
(A-weighted sound pressure levels) generated by a tapping  
machine, we investigated the sound insulation performance of a  
wooden house in terms of comfort in a dwelling environment. Control  
experiments were conducted similarly without generating...

12/3,k/8 (Item 1 from file: 6)  
DIALOG(R)File 6:NTIS  
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1480281 NTIS Accession Number: PB90-128976  
Ljudlaeckage via Springor och Taetlister (Airborne Sound Insulation of  
Slits, Joints and Sealing Stripes)  
Bodlund, K. ; Carlsson, C. A.  
Statens Provvningsanstalt, Boras (Sweden). Acoustics Lab.  
Corp. Source Codes: 100858004  
Report No.: SP-RAPP-1989:28; ISBN-91-7848-179-1  
1989 88p  
Languages: Swedish  
Journal Announcement: GRAI9006  
Text in Swedish; summary in English.  
Order this product from NTIS by: phone at 1-800-553-NTIS (U.S.  
customers); (703)605-6000 (other countries); fax at (703)321-8547; and  
email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road,  
Springfield, VA, 22161, USA.  
NTIS Prices: PC A05/MF A01

Descriptors: \*Acoustic insulation ; \*Joints(Junctions); \*Slitting;  
\*Sealing; \* Noise reduction; Performance tests; Construction materials  
; Buildings ; Acoustic measurement ; Graphs(Char ts)

12/3,k/9 (Item 2 from file: 6)  
DIALOG(R)File 6:NTIS  
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1445887 NTIS Accession Number: PB89-193866  
Acoustical Technique for Evaluation of Thermal Insulation  
Flynn, D. R. ; Evans, D. J. ; Bartel, T. W.  
National Inst. of Standards and Technology (NEL), Gaithersburg, MD.  
Center for Mfg. Engineering.  
Corp. Source Codes: 092731003  
Sponsor: Department of Energy, Washington, DC. Building Systems Div.;  
Mineral Insulation Mfrs. Association, Alexandria, VA.  
Report No.: NISTIR-88/3882  
Apr 89 47p  
Languages: English  
Journal Announcement: GRAI8916

Sponsored by Department of Energy, Washington, DC. Building Systems Div., and Mineral Insulation Mfrs. Association, Alexandria, VA.

Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)321-8547; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.

NTIS Prices: PC A03/MF A01

Descriptors: \*Thermal insulation ; \* Acoustic measurement ; Thermal resistance; Sound transmission ; Heat transfer; Evaluation; Cellulose; Houses ; Thermal efficiency

12/3,K/10 (Item 3 from file: 6)

DIALOG(R)File 6:NTIS

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1129418 NTIS Accession Number: PB84-225150

Acoustical System Performance for Office Space (Test Methods and Guides)

Geiger and Hamme, Inc., Ann Arbor, MI.

Corp. Source Codes: 081451000

Sponsor: General Services Administration, Washington, DC.

Apr 80 562p

Languages: English

Journal Announcement: GRAI8422

Portions of this document are not fully legible.

Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)321-8547; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.

NTIS Prices: PC A24

Descriptors: \*Office buildings; \* Acoustic measurement ; Ceilings( Architecture ); Specifications; Guidelines; Performance ; Materials; Noise reduction; Sound transmission

12/3,K/11 (Item 4 from file: 6)

DIALOG(R)File 6:NTIS

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1013870 NTIS Accession Number: N83-15042/5

Design and Test of Aircraft Engine Isolators for Reduced Interior Noise (Final Report)

Unruh, J. F. ; Scheidt, D. C.

Southwest Research Inst., San Antonio, TX.

Corp. Source Codes: 014411000; ST197060

Sponsor: National Aeronautics and Space Administration, Washington, DC.

Report No.: NAS 1.26:166021; SRI-06-4860; NASA-CR-166021

Dec 82 118p

Languages: English

Journal Announcement: GRAI8310; STAR2105

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NTIS Prices: PC A06/MF A01

Improved engine vibration isolation was proposed to be the most weight and cost efficient retrofit structure-borne noise control measure for single engine general aviation aircraft. A study was carried out the objectives: (1) to...

12/3,K/12 (Item 5 from file: 6)

DIALOG(R)File 6:NTIS

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0975657 NTIS Accession Number: PB82-243809/XAB

**Commercialization of a Pulse Combustion Furnace with Ultrahigh Efficiency**

(Final annual rept. Jan-Dec 80)

Belles, F. E. ; Griffiths, J. C.

American Gas Association Labs., Cleveland, OH.

Corp. Source Codes: 069098000

Sponsor: Gas Research Inst., Chicago, IL.

Report No.: GRI-80/0131

Feb 82 79p

Languages: English

Journal Announcement: GRAI8221

See also PB81-123481.

Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)321-8547; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.

NTIS Prices: PC A05/MF A01

Descriptors: \*Gas furnaces; \*Combustion chambers; Gas burners; Combustion control ; Acoustic measurement ; Combustion efficiency ; Noise reduction; Residential buildings

12/3,k/13 (Item 6 from file: 6)

DIALOG(R)File 6:NTIS

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0851557 NTIS Accession Number: PB80-227499/XAB

Field Measurements of the Sound Insulation of Heavy Solid Concrete Party walls

(Current papers)

Sewell, E. C. ; Alphey, R. S.

Building Research Station, Watford (England).

Corp. Source Codes: 004796000

Report No.: CP-43/77

c1977 12p

Languages: English

Journal Announcement: GRAI8026

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NTIS Prices: PC E02/MF E02

Descriptors: \*Buildings; \*walls; \* Acoustic insulation ; Concrete construction ; Acoustic measurements ; Performance standards; Building codes; Noise pollution

12/3,k/14 (Item 7 from file: 6)

DIALOG(R)File 6:NTIS

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0249340 NTIS Accession Number: COM-71-00046/XAB

Building Research at the National Bureau of Standards

(Building Science Series)

Achenbach, P. R.

National Bureau of Standards, Washington, D.C. Building Research Div.

Report No.: BSS-0

Oct 70 64p

Journal Announcement: USGRDR7102

Paper copy available from Superintendent of Documents, GPO, Washington, D.C. 20402. \$0.60 as C13.29/2:0.

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NTIS Prices: MF A01

...in laboratory evaluation of the effects of weather on deterioration of

building materials; and in measurement of the heat and sound transmission properties of building materials and constructions. The central and continuing objectives of the building research program are shown to be the development of new technical information and new measurement...

12/3,K/15 (Item 8 from file: 6)  
DIALOG(R)File 6:NTIS  
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0085306 NTIS Accession Number: AD-608 876/XAB  
Study of Airborne Noise from Shipboard Machinery  
(Final technical rept. for 20 Jun 63-19 Jun 64)  
Sparks, C. R. ; McCoy, R. A. ; Wachel, J. C.  
Southwest Research Inst San Antonio Tex  
Corp. Source Codes: 888888888  
19 Jun 64 2p  
Journal Announcement: USGRDR6501  
Legibility of this document is in part unsatisfactory. Reproduction has been made from best available copy.  
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NTIS Prices: PC A02

Descriptors: \*SHIP NOISE ; MACHINES; NOISE ; MEASUREMENT ; ENVIRONMENTAL TESTS; AIRBORNE; ACOUSTIC INSULATION ; VIBRATION ISOLATORS ; SOUND TRANSMISSION ; SOUND ; ADSORPTION; NAVAL VESSELS (COMBATANT); PERFORMANCE (HUMAN); NAVAL PERSONNEL; SHIP STRUCTURAL COMPONENTS

12/3,K/16 (Item 1 from file: 8)  
DIALOG(R)File 8:Ei Compendex(R)  
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07612656 E.I. No: EIP97023512630  
Title: Investigation of an open screen acoustic performance  
Author: Lyons, R.; Gibbs, B.M.  
Corporate Source: Loughborough Univ, Loughborough, Engl  
Source: Applied Acoustics v 49 n 3 Nov 1996. p 263-282  
Publication Year: 1996  
CODEN: AACOBL ISSN: 0003-682X  
Language: English

Descriptors: \*Sound insulation ; Acoustic wave absorption; Architectural acoustics ; Buildings ; Standards; Acoustic variables measurement ; Performance ; Numerical methods; Acoustic equipment

12/3,K/17 (Item 2 from file: 8)  
DIALOG(R)File 8:Ei Compendex(R)  
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06358589 E.I. Monthly No: EI9201001582  
Title: On acoustic performance of measuring structure for cavitation noise.  
Author: Wu, Jian-hua; Chai, Gong-chun; Wang, He-sheng  
Corporate Source: Nanjing Hydraulic Research Inst, Nanjing, China  
Source: Journal of Hydrodynamics v 3 n 2 1991 p 42-50  
Publication Year: 1991  
CODEN: JOUHEI ISSN: 1001-6058  
Language: English

Abstract: The acoustic performance of the structure for measuring cavitation noise is theoretically analysed, and two judging criteria of the acoustic performance of STW (sound transmission window) are presented in this paper. One is of impedance matching between working

liquid and...

12/3,k/18 (Item 3 from file: 8)  
DIALOG(R)File 8:Ei Compendex(R)  
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05787590 E.I. Monthly No: EI8909083573  
Title: Norme UNI in materia di acustica nell'edilizia.  
Title: UNI standards for acoustics in buildings.  
Author: Cocchi, Alessandro; Garai, Massimo  
Corporate Source: Univ di Bologna, Bologna, Italy  
Source: Termotecnica (Milan) v 43 n 2 Feb 1989 p 59-63  
Publication Year: 1989  
CODEN: TERMAK ISSN: 0040-3725  
Language: Italian

...Abstract: acoustics are summed up, namely those dealing with expression of physical and suggestive values of sound and noise, normal measurement frequencies, relations between sound pressure levels of narrow noise bands, measurement of acoustic insulation in buildings, measurement of noise insulating capacity of structural component, measurement of acoustic insulation by air, measurement of acoustic insulation of linings, evaluation of acoustic performance of buildings and building components, measurement of insulation to impact noise . In Italian.

12/3,k/19 (Item 4 from file: 8)  
DIALOG(R)File 8:Ei Compendex(R)  
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05750304 E.I. Monthly No: EI8906048316  
Title: Structure-borne noise control for propeller aircraft.  
Author: Unruh, James F.  
Corporate Source: Southwest Research Inst, San Antonio, TX, USA  
Source: Journal of Aircraft v 25 n 8 Aug 1988 p 752-757  
Publication Year: 1988  
CODEN: JAIRAM ISSN: 0021-8669  
Language: English

...Abstract: the propeller wake. However, highly damped, tuned mechanical absorbers were found to be the most efficient structure-borne noise control measure . (Author abstract) 8 Refs.

12/3,k/20 (Item 5 from file: 8)  
DIALOG(R)File 8:Ei Compendex(R)  
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04901206 E.I. Monthly No: EIM8510-064142  
Title: EXPERIMENTAL ON ROAD TRAFFIC NOISE MEASUREMENT.  
Author: Poerwohadikoemo, Poernomosidhi  
Corporate Source: Indonesian Road Research Inst, Transportation & Traffic Engineering Lab, Indones  
Conference Title: Fourth Conference of the Road Engineering Association of Asia and Australasia. ( Volume 5: Additional Papers and Conference Results.)  
Conference Location: Jakarta, Indones Conference Date: 19830822  
E.I. Conference No.: 06097  
Source: Available from Road Engineering Assoc of Asia & Australasia, Kuala Lumpur, Malays p 245-258  
Publication Year: 1983  
Language: English

...Abstract: of road traffic noise was begun. The first year's program developed a procedure to measure traffic noise resulting in measurement analysis and identification of the acoustic performance of some building materials used for noise control . This paper presents

the result of a preliminary study, including measurement procedures,  
results of measurements...

12/3,K/21 (Item 6 from file: 8)  
DIALOG(R)File 8:Ei Compendex(R)  
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04666029 E.I. Monthly No: EIM8407-053152  
Title: SIMPLIFIED FIELD METHOD OF MEASURING THE AGGREGATE ADVERSE  
DEVIATION OF A PARTITION.  
Author: Lee, L. J.; Mackenzie, R. K.  
Corporate Source: Univ of Cambridge, Dep of Architecture, Cambridge, Engl  
Conference Title: Proceedings - 1983 International Conference on Noise  
Control Engineering, Inter-noise 83, Noise Control: The International  
Scene.  
Conference Location: Edinburgh, Scotl Conference Date: 19830713  
E.I. Conference No.: 04318  
Source: Proceedings - International Conference on Noise Control  
Engineering 1983 v 2. Publ by Inst of Acoustics, Edinburgh, Scot p 559-562  
Publication Year: 1983  
CODEN: PICEDA ISBN: 0-946731-02-0  
Language: English

Identifiers: SOUND INSULATION MEASUREMENT ; BUILDING CODE  
ENFORCEMENT; HOUSING STOCK IMPROVEMENT; PARTITION PERFORMANCE RATES;  
BRITISH BUILDING REGULATIONS; PARTY WALL DEVIATION PREDICTION; NOISE  
SOURCE GENERATION; OVERALL SOUND LEVEL MEASUREMENT; RECEIVING ROOM;  
REVERBERATION...

12/3,K/22 (Item 7 from file: 8)  
DIALOG(R)File 8:Ei Compendex(R)  
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04666017 E.I. Monthly No: EIM8407-053140  
Title: ESTIMATION OF RADIATED NOISE USING STRUCTURAL RESPONSE METHODS.  
Author: Cuschieri, J.  
Corporate Source: Univ of Southampton, Inst of Sound & Vibration  
Research, Southampton, Engl  
Conference Title: Proceedings - 1983 International Conference on Noise  
Control Engineering, Inter-noise 83, Noise Control: The International  
Scene.  
Conference Location: Edinburgh, Scotl Conference Date: 19830713  
E.I. Conference No.: 04318  
Source: Proceedings - International Conference on Noise Control  
Engineering 1983 v 1. Publ by Inst of Acoustics, Edinburgh, Scotl p 507-510  
Publication Year: 1983  
CODEN: PICEDA ISBN: 0-946731-01-2  
Language: English

Identifiers: INPUT/OUTPUT ENERGIES; IMPACT SITUATIONS; NOISE ENERGY  
RADIATION; STRUCTURE PARAMETER EXPRESSIONS; STRUCTURE RADIATION  
EFFICIENCY ; STRUCTURAL LOSS FACTORS; FORCE PULSE SHAPING; IMPACT POINT;  
NOISE CONTROL ; STRUCTURAL DAMPING; ENERGY ESCAPE

12/3,K/23 (Item 8 from file: 8)  
DIALOG(R)File 8:Ei Compendex(R)  
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04552744 E.I. Monthly No: EI8408073757 E.I. Yearly No: EI84003400  
Title: SPECIFICATION, DESIGN, AND TEST OF AIRCRAFT ENGINE ISOLATORS FOR  
REDUCED INTERIOR NOISE.  
Author: Unruh, J. F.  
Corporate Source: Southwest Research Inst, Dep of Engineering Mechanics,  
San Antonio, Tex, USA  
Source: Journal of Aircraft v 21 n 6 Jun 1984 p 389-396  
Publication Year: 1984

CODEN: JAIRAM ISSN: 0021-8669  
Language: ENGLISH

Abstract: Improved engine vibration isolation was proposed to be the most weight and cost efficient retrofit structure-borne noise control measure for single-engine general aviation aircraft. A study was carried out with three objectives: 1...

12/3,K/24 (Item 9 from file: 8)  
DIALOG(R)File 8:Ei Compendex(R)  
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04193726 E.I. Monthly No: EI8209083308 E.I. Yearly No: EI82097530  
Title: AIRBORNE SOUND INSULATION AND GRAPHICAL INDICES.  
Author: Parmanen, J.; Tuominen, H. T.  
Corporate Source: Tech Res Cent of Finl, Espoo  
Source: Journal of Sound and Vibration v 82 n 2 May 22 1982 p 235-245  
Publication Year: 1982  
CODEN: JSVIAG ISSN: 0022-460X  
Language: ENGLISH

Abstract: The use of graphical indices is interpreted as an approximate approach to the estimation of sound insulation performance of building elements. Differences of weighted sound pressure levels are considered as quantitative measures for subjective sound insulation. The indices considered are formed by shifting a reference curve until the highest position is...

12/3,K/25 (Item 10 from file: 8)  
DIALOG(R)File 8:Ei Compendex(R)  
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03293097 E.I. Monthly No: EI7303013291 E.I. Yearly No: EI73027320  
Title: ORIGINS OF RECIPROCATING ENGINE NOISE -- ITS CHARACTERISTICS, PREDICTION AND CONTROL.  
Author: Lalor, N.  
Corporate Source: The University, Southampton, Engl  
Source: Journal of the Society of Environmental Engineers n 55 Dec 1972 6 p between p 12 and 21  
Publication Year: 1972  
CODEN: JSEEBM ISSN: 0374-356X  
Language: ENGLISH

Abstract: Mechanisms of noise generation, the exciting forces, engine structural response, acoustic radiation efficiency, effect of operating and design parameters on overall noise level, and noise control measures were studied. Design for low noise in-line engine is described. 9 refs.

12/3,K/26 (Item 1 from file: 14)  
DIALOG(R)File 14:Mechanical and Transport Engineer Abstract  
(c) 2007 CSA. All rts. reserv.

0000565984 IP ACCESSION NO: 200609-53-074142  
Analysis and application of minimum variance discrete linear system identification

Kaufman, H

IEEE Transactions on Automatic Control, v 22, n 5, p 807-815, Oct. 1977  
PUBLICATION DATE: 1977

PUBLISHER: Institute of Electrical and Electronics Engineers, Inc., 445 Hoes Ln, Piscataway, NJ, 08854-1331  
COUNTRY OF PUBLICATION: UK  
PUBLISHER URL: <http://iee.org.uk>

PUBLISHER EMAIL: inspec@ieee.org

DOCUMENT TYPE: Journal Article

RECORD TYPE: Abstract

LANGUAGE: English

ISSN: 0018-9286

FILE SEGMENT: Mechanical & Transportation Engineering Abstracts

DESCRIPTORS: Covariance; Variance; On-line systems; Accuracy; Vectors (mathematics); Computational efficiency ; Errors; Formulations; Construction ; Additives; Mathematical analysis; Parameter identification ; Parameter estimation; Linear systems; Noise ; Algorithms; Automatic control

12/3,k/27 (Item 2 from file: 14)

DIALOG(R)File 14:Mechanical and Transport Engineer Abstract

(c) 2007 CSA. All rts. reserv.

0000213849 IP ACCESSION NO: 2001-43-001382

A mathematical model for calculating the acoustic power radiated.

Fraser, A J; Swindell, R J

Br. Maritime Technol. Ltd., Mar. Struct. and Offshore Div., Wallsend Res. Stn., Wallsend, Tyne and Wear NE28 6UY, UK

PUBLICATION DATE: 1988

CONFERENCE:

NOISE CONTROL ENG. J., 1988, vol. 31, no. 1, p. 79

DOCUMENT TYPE: Conference Paper

RECORD TYPE: Abstract

LANGUAGE: English

FILE SEGMENT: Mechanical & Transportation Engineering Abstracts

DESCRIPTORS: Mathematical models; Radiation; Efficiency ; Finite element method; Hulls ( structures ); Acoustics; Accuracy; Ships; Acoustic noise ; Noise control ; Specifications; Noise ; Energy use; Design engineering; Noise levels; Machinery; Marine engineering; Acoustic variables control ; Acoustic measurements

12/3,k/28 (Item 3 from file: 14)

DIALOG(R)File 14:Mechanical and Transport Engineer Abstract

(c) 2007 CSA. All rts. reserv.

0000164081 IP ACCESSION NO: 200212-11-001461

Adhesive bonded noise suppression structures for commercial and military aircraft

RIEL, F J; ROSE, P M

Rohr Industries, Inc., Chula Vista, CA [RIEL, ROSE]

SAMPE Quarterly (0036-0821), v 16, p 45-50, Oct. 1984

PUBLICATION DATE: 1984

CONFERENCE:

, United States

DOCUMENT TYPE: Journal Article

RECORD TYPE: Abstract

LANGUAGE: English

ISSN: 0036-0821

FILE SEGMENT: Mechanical & Transportation Engineering Abstracts

DESCRIPTORS: Noise; Acoustics; Adhesive bonding; Commercial aircraft; Acoustic noise; Military aircraft; Bonding; Emissions; Efficiency ; Sandwich construction ; Quality control ; Process parameters ; \* Acoustic attenuation; \*Aircraft noise ; \*Aircraft structures; \*Noise reduction; Fabrics; Linings; Nacelles; Sandwich structures

12/3,K/29 (Item 4 from file: 14)  
DIALOG(R)File 14:Mechanical and Transport Engineer Abstract  
(c) 2007 CSA. All rts. reserv.

0000135357 IP ACCESSION NO: 200212-12-008877  
Design and test of aircraft engine isolators for reduced interior noise  
[Final Report]

UNRUH, J F; SCHEIDT, D C  
PUBLICATION DATE: 1982

RECORD TYPE: Abstract  
LANGUAGE: English  
REPORT NO: NASA-CR-166021; NAS 1.26:166021; SRI-06-4860  
FILE SEGMENT: Mechanical & Transportation Engineering Abstracts

ABSTRACT:

Improved engine vibration isolation was proposed to be the most weight and cost efficient retrofit structure-borne noise control measure for single engine general aviation aircraft. A study was carried out the objectives: (1) to...

12/3,K/30 (Item 1 from file: 57)  
DIALOG(R)File 57:Electronics & Communications Abstracts  
(c) 2007 CSA. All rts. reserv.

0000018852 IP ACCESSION NO: 0182267  
Field Measurements of the Sound Insulation of Floors with Floating Screens and Hollow Precast Bases.

Sewell, E C; Alphey, R S; Savage, J E  
Address not stated

ADDL. SOURCE INFO: BUILD. RES. STA., GARSTON WATFORD WD2 7JR, U.K. , 1981  
PUBLICATION DATE: 1981

PUBLISHER: BUILD. RES. STA., GARSTON WATFORD WD2 7JR, U.K.

RECORD TYPE: Abstract  
LANGUAGE: English  
FILE SEGMENT: Electronics & Communications Abstracts

DESCRIPTORS: Measurement ; Noise ; Insulation ; Performance ;  
Architecture

12/3,K/31 (Item 1 from file: 92)  
DIALOG(R)File 92:IHS Intl.Stds.& Specs.  
(c) 1999 Information Handling Services. All rts. reserv.

00419806  
Sound Level Meters (Apparatus for the Objective Measurement of Room Noise) - Telephone Transmission Quality (Study Group XII) 1 pp  
DOCUMENT NUMBER: RECMN P.54  
ISSUING ORGANIZATION: ITU-T - International Telecommunication Union/ ITU  
Telecommunication Standardization Sector  
DOCUMENT TYPE: Switzerland, Swiss Confederation;Europe (EC & EFTA  
Countries);International  
YEAR: 1989 00001 PAGES LANGUAGE: ENGLISH

Sound Level Meters (Apparatus for the Objective Measurement of Room Noise) - Telephone Transmission Quality (Study Group XII) 1 pp

^ 12/3,K/32 (Item 1 from file: 94)  
DIALOG(R)File 94:JICST-EPlus

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04435929 JICST ACCESSION NUMBER: 00A0051723 FILE SEGMENT: JICST-E  
Study on Comparison Between Predicted and Measured Values of Sound  
Insulation Performance on Multiple-dwelling Buildings .  
OWAKI MASANAO (1); ZAIMA TAKEFUMI (1); MIYAZAKI HIROSHI (1); YAMASHITA  
YASUHIRO (2)  
(1) Kumagai Gumi Co., Ltd., Inst. of Constr. Technol.; (2) Shinshu Univ.,  
Fac. of Eng.  
Kumagaigumi Gijutsu Kenkyu Hokoku(Kumagai Technical Research Report), 1999  
, NO.58, PAGE.19-25, FIG.15, TBL.5, REF.11  
JOURNAL NUMBER: G0988ABO ISSN NO: 0919-8687  
UNIVERSAL DECIMAL CLASSIFICATION: 728 699.844  
LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan  
DOCUMENT TYPE: Journal  
ARTICLE TYPE: Commentary  
MEDIA TYPE: Printed Publication

Study on Comparison Between Predicted and Measured Values of Sound  
Insulation Performance on Multiple-dwelling Buildings .

12/3,k/33 (Item 2 from file: 94)  
DIALOG(R)File 94:JICST-EPlus  
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03900429 JICST ACCESSION NUMBER: 99A0089426 FILE SEGMENT: JICST-E  
Active Minimization of Interior Noise in a Enclosure Using Piezoelectric  
Actuator.  
SHI K (1); RAO Z (1); HAGIWARA I (1)  
Nippon Kikai Gakkai Sekkei Kogaku, Shisutemu Bumon Koenkai Koen Ronbunshu,  
1998, VOL.8th, PAGE.364-367, FIG.4, REF.5  
JOURNAL NUMBER: L1283AAD  
UNIVERSAL DECIMAL CLASSIFICATION: 629.33.017.2  
LANGUAGE: English COUNTRY OF PUBLICATION: Japan  
DOCUMENT TYPE: Conference Proceeding  
ARTICLE TYPE: Short Communication  
MEDIA TYPE: Printed Publication

...ABSTRACT: coupling method is used to establish the governing motion  
equations of the fully coupled acoustics- structure -piezoelectric  
patch system. The performance function related to optimal control  
of sound pressure level (SPL) is applied to obtain the control  
laws. Numerical investigations into the effect of different...

12/3,k/34 (Item 3 from file: 94)  
DIALOG(R)File 94:JICST-EPlus  
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03510215 JICST ACCESSION NUMBER: 98A0108933 FILE SEGMENT: JICST-E  
Measurement and Control of Sound of Music. Objective Measures and  
Room Acoustical Design.  
NAGATA MINORU (1)  
(1) Nagata Acoustics Inc.  
Keisoku to Seigyo(Journal of the Society of Instrument and Control  
Engineers), 1997, VOL.36,NO.12, PAGE.846-852, FIG.11, TBL.1, REF.8  
JOURNAL NUMBER: F0131AAO ISSN NO: 0453-4662 CODEN: KESEA  
UNIVERSAL DECIMAL CLASSIFICATION: 534.3 534.83/.84  
LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan  
DOCUMENT TYPE: Journal  
ARTICLE TYPE: Commentary  
MEDIA TYPE: Printed Publication

Measurement and Control of Sound of Music. Objective Measures and  
Room Acoustical Design.

12/3,k/35 (Item 4 from file: 94)

DIALOG(R)File 94:JICST-EPlus  
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02499711 JICST ACCESSION NUMBER: 96A0594629 FILE SEGMENT: PreJICST-E  
Evaluation of Sound Insulation Performance for Wooden House . (1).  
Measurement of Sound Transmission Loss at every Building Element.  
IINUMA YOSHINORI (1); ISHII MAKOTO (1); HIRAMA AKIMITSU (1); SATO YOSHIKI  
(1); HASEGAWA MASARU (1)  
(1) Hokkaido For. Prod. Res. Inst.  
Nippon Kenchiku Gakkai Hokkaido Shibu Kenkyu Hokokushu, 1996, NO.69,  
PAGE.337-340  
JOURNAL NUMBER: L0780AAY  
LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan  
DOCUMENT TYPE: Conference Proceeding  
MEDIA TYPE: Printed Publication

Evaluation of Sound Insulation Performance for Wooden House . (1).  
Measurement of Sound Transmission Loss at every Building Element.

12/3,k/36 (Item 5 from file: 94)  
DIALOG(R)File 94:JICST-EPlus  
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02370504 JICST ACCESSION NUMBER: 95A0277621 FILE SEGMENT: JICST-E  
Special issue : Sound - from noise to control and creation of sound. Noise  
reduction measures for detached houses.  
KOJIMA YUKIO (1)  
(1) Sekisuihausu giken  
Kenchiku to Shakai(Architecture & Society), 1995, VOL.76,NO.2, PAGE.36-39,  
FIG.11, TBL.2, REF.6  
JOURNAL NUMBER: F0181AAX ISSN NO: 0912-8182  
UNIVERSAL DECIMAL CLASSIFICATION: 699.844  
LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan  
DOCUMENT TYPE: Journal  
ARTICLE TYPE: Commentary  
MEDIA TYPE: Printed Publication

...ABSTRACT: dwelling. Detailed check points of construction methods and  
execution of work are described. Factors of noise and noise  
reduction measures practically taken are also described with  
explanations of sound insulation efficiency of an AV room ,  
heavyweight impact sound insulation efficiency of an apartment  
house , and reduction of noise of drainage system.

12/3,k/37 (Item 6 from file: 94)  
DIALOG(R)File 94:JICST-EPlus  
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01160540 JICST ACCESSION NUMBER: 91A0176867 FILE SEGMENT: JICST-E  
Study on the short time measurement of sound insulation in building.  
Investigation on the short time measurement correspond to usual single  
number index.  
MURAISHI YOSHIKAZU (1); HAMADA YUKIO (1); OKAWA HEIICHIRO (1)  
(1) Taisei Corp., Technical Res. Inst.  
Taisei Kensetsu Gijutsu Kenkyu Shoho(Taisei Technical Research Report),  
1990, NO.23, PAGE.207-214, FIG.11, TBL.4, REF.4  
JOURNAL NUMBER: G0744AAB ISSN NO: 0387-2254  
UNIVERSAL DECIMAL CLASSIFICATION: 699.844  
LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan  
DOCUMENT TYPE: Journal  
ARTICLE TYPE: Original paper  
MEDIA TYPE: Printed Publication

...ABSTRACT: also to the space characteristics and construction precision,  
So, it is necessary to establish the measurements of the sound  
insulation efficiency when the building construction are completed. It  
takes thirty minutes to obtain the measurement results of sound

insulation by using the ordinary method of sound insulation measurement . It is hard to represent the sound insulation efficiency and to guarantee the sufficient performance in building, therefore it is necessary to establish the short time measurement of sound insulation in building. As the first step, for deriving single number index of sound insulation in short time, the correlation between sound pressure level difference which calculated from mathematical investigation and usual single number index were examined. As a...

12/3,k/38 (Item 7 from file: 94)  
 DIALOG(R)File 94:JICST-EPlus  
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00487095 JICST ACCESSION NUMBER: 87A0481741 FILE SEGMENT: JICST-E  
 Sound insulation in building. 4. Measurement of sound insulation performance in building.  
 OKAWA HEIICHIRO (1); KOYASU MASARU (2)  
 (1) Taisei Corp.; (2) Onkyokogakuken  
 Seko(Architectural Product-Engineering), 1987, NO.262, PAGE.55-60, FIG.5, TBL.6  
 JOURNAL NUMBER: S0135BAW ISSN NO: 0389-1879  
 UNIVERSAL DECIMAL CLASSIFICATION: 699.844  
 LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan  
 DOCUMENT TYPE: Journal  
 ARTICLE TYPE: Commentary  
 MEDIA TYPE: Printed Publication

Sound insulation in building. 4. Measurement of sound insulation performance in building .

~~ Patent Literature:  
 Dialog files: 347,348,349,350

File 347:JAPIO Dec 1976-2006/Nov(Updated 070228)  
 (c) 2007 JPO & JAPIO  
 File 348:EUROPEAN PATENTS 1978-2007/ 200708  
 (c) 2007 European Patent Office  
 File 349:PCT FULLTEXT 1979-2007/UB=20070315UT=20070308  
 (c) 2007 WIPO/Thomson  
 File 350:Derwent WPIX 1963-2006/UD=200719  
 (c) 2007 The Thomson Corporation

Set	Items	Description
S1	1311888	NOISE OR NOISY OR SOUND OR SOUNDS OR ACOUSTIC OR ACOUSTICS OR ACOUSTICALLY OR SONIC OR AUDIBLE OR AUDIBLY OR AUDIO OR AUDITORY OR AURAL OR HEARING OR PHONIC OR AURALI?ATION OR HARMONIC OR HARMONICS
S2	2642721	DECIBEL OR DECIBELS OR DB OR PRESSURE()(LEVEL OR LEVELS) OR PARAMETER OR PARAMETERS OR PARAMETRIC OR PARAMETRICS OR METRICS OR CRITERIA OR MEASURE? ? OR MEASUREMENT? ?
S3	8508523	PROPAGATE??? OR DISPERS??? OR TRANSMIT?? OR TRANSMISSION OR ABATEMENT OR ABATING OR ABATE? ? OR CONTROL??? OR QUIET??? OR QUIETEN??? OR RAY()TRACING OR INSULAT??? OR DAMPEN OR HUSH OR SILENC??? OR ASSUAGE???
S4	3999726	SOLUTION? ? MEDIAT??? OR RESOLUTION? ? OR PERFORMANCE OR PERFORMING OR ACCOMPLISH??? OR ACCOMPLISHMENT OR OBJECTIVE?? OR GOAL OR GOALS OR EFFICIEN?? OR OPTIMIZING OR SOLVE OR SOLVING OR RESOLVE OR RESOLVING
S5	5811889	ROOM OR ROOMS OR BUILDING OR BUILDINGS OR ARCHITECTUR?? OR CONSTRUCTION OR HOUSE? ? OR HOUSING OR STRUCTUR?? OR EDIFICE? ? OR HIGHRISES OR HIGH()RISE? ? OR APARTMENTS
S6	78777	S1(8N)S2
S7	233264	S1(8N)S3
S8	11028	S6(60N)S7
S9	366886	S4(20N)S5

S10 108 S8(60N)S9  
S11 7 S10 AND IC=(G06F OR G06Q)

11/3,K/1 (Item 1 from file: 347)  
DIALOG(R)File 347:JAPIO  
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08544711 \*\*Image available\*\*  
SYSTEM FOR SUPPORT OF SOUND INSULATION MEASURE FOR DRAIN RISER

PUB. NO.: 2005-292971 [JP 2005292971 A]  
PUBLISHED: October 20, 2005 (20051020)  
INVENTOR(s): YASUOKA HIROTO  
SHIMADA YASUSHI  
TSUKAMOTO KOSUKE  
NAKATO TATSUHIKO  
OSHIMA AKIRA  
SUMIYA SATORU  
KOBAYASHI KAZUYOSHI  
WATANABE KUNIO  
KOJIMA SEIZO  
KAWAMURA NORIHIKO  
APPLICANT(s): SUMITOMO MITSUI CONSTRUCTION CO LTD  
KOJIMA SEISAKUSHO KK  
APPL. NO.: 2004-103988 [JP 2004103988]  
FILED: March 31, 2004 (20040331)

INTL CLASS: G06F-017/50 ; E03C-001/122  
ABSTRACT

PROBLEM TO BE SOLVED: To provide a system for support of sound insulation measures for a drain riser in a building such as an apartment house that...

...the noise scores corresponding to the equipment specifications to derive a total noise score; a sound insulation measure selecting means 5b for deriving sound insulation measures of a sound insulation score in a predetermined relation to the total noise score derived by the noise evaluating means by reference to the sound insulation measure storing means; and an outputting means 6.

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^ 11/3,K/2 (Item 2 from file: 347)  
DIALOG(R)File 347:JAPIO  
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06711655 \*\*Image available\*\*  
SOUND INSULATION STRUCTURAL DESIGN DEVICE

PUB. NO.: 2000-297488 [JP 2000297488 A]  
PUBLISHED: October 24, 2000 (20001024)  
INVENTOR(s): INATOME KOICHI  
APPLICANT(s): OKUMURA CORP  
APPL. NO.: 11-109268 [JP 99109268]  
FILED: April 16, 1999 (19990416)

INTL CLASS: E04B-001/82; G06F-017/30 ; G10K-011/16

ABSTRACT

PROBLEM TO BE SOLVED: To provide a sound insulation structural design device capable of collectively performing the whole design in regard to the sound insulation of a building in a short time.

SOLUTION: A storage means for storing a plurality of specifications being the candidate of the sound insulation measure of a building structural member is provided. Input means S1-S4 for inputting data in...

11/3,K/3 (Item 3 from file: 347)  
DIALOG(R)File 347:JAPIO  
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06282684 \*\*Image available\*\*  
NOISE SIMULATION DEVICE AND METHOD

PUB. NO.: 11-224273 [JP 11224273 A]  
PUBLISHED: August 17, 1999 (19990817)  
INVENTOR(s): NISHIMURA SHINGO  
APPLICANT(s): SEKISUI CHEM CO LTD  
APPL. NO.: 10-023470 [JP 9823470]  
FILED: February 04, 1998 (19980204)

INTL CLASS: G06F-017/50 ; G10K-015/00

#### ABSTRACT

... input part 22, information relating to the respective section members and information relating to respective rooms are inputted. In a sound shielding performance calculation part 31, sound shielding performance ( acoustic transmission loss) of the respective section members is calculated. In a distance attenuation calculation part 32, in a barrier attenuation calculation part 33 and in a sound pressure level calculation part 34, a sound pressure level difference between a sound source and the sound receiving position is calculated from the sound shielding performance of the plural section members present...

11/3,K/4 (Item 1 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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01392593 \*\*Image available\*\*  
INTEGRATED MULTIMEDIA SIGNAL PROCESSING SYSTEM USING CENTRALIZED PROCESSING OF SIGNALS

SYSTEME DE TRAITEMENT INTEGRE DE SIGNAUX MULTIMEDIA PAR TRAITEMENT CENTRALISE DE SIGNAUX

Patent Applicant/Assignee:

MONDO SYSTEMS INC, 738-37 Yeoksam-Dong, Kangnam-Gu, Seoul 135-924, KR, KR  
(Residence), KR (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

CHUNG Chul, 3221 East Ruby Hill Drive, Pleasanton, California 94566, US,  
US (Residence), KR (Nationality), (Designated only for: US)

Legal Representative:

PARK Hae-Chan (agent), H.C. Park & Associates, PLC, 8500 Leesburg Pike,  
Suite 7500, McLean, Virginia 22182, US

Patent and Priority Information (Country, Number, Date):

Patent: WO 200673990 A2 20060713 (WO 0673990)

Application: WO 2005US47232 20051229 (PCT/WO US2005047232)

Priority Application: US 2004640085 20041230; US 2005204375 20050816

Designated States:

(All protection types applied unless otherwise stated - for applications 2004+)

AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM  
DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KM KN KP KR  
KZ LC LK LR LS LT LU LV LY MA MD MG MK MN MW MX MZ NA NG NI NO NZ OM PG  
PH PL PT RO RU SC SD SE SG SK SL SM SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW

(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LT LU LV MC NL  
PL PT RO SE SI SK TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 14831

International Patent Class (v8 + Attributes)

IPC + Level Value Position Status Version Action Source Office:  
G06F-0017/00 ...  
Fulltext Availability:  
Claims

Claim

... containing the performance characteristic.

17 The integrated audio processing system of claim 14, wherein the performance characteristic is:  
a sound reproduction capability across a frequency spectrum;  
nominal output power;  
recommended amplification power;  
input impedance;  
speaker housing dimensions;  
sensitivity;  
crossover frequency; or  
number of sub-speaker components.

18 A method for controlling...

...signal in each frequency range of the plurality of frequency ranges based on the acquired control request; and  
synthesizing the adjusted audio signal in each frequency range of the plurality of frequency ranges for further processing to...

...claim 19, wherein pre-set loudness values are based on a human sensitivity to a sound pressure level corresponding to each frequency range.

21 The method of claim 20, wherein the reference data...

A 11/3,K/5 (Item 2 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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01382233 \*\*Image available\*\*

COMPUTER-ASSISTED EVALUATION OF BLUEPRINTS USING COMPUTER-STORABLE EVALUATION-CRITERIA

EVALUATION DE BLEUS ASSISTEE PAR ORDINATEUR AU MOYEN DE CRITERES D'EVALUATION STOCKABLES SUR ORDINATEUR

Patent Applicant/Assignee:

ACCELA INC, 4160 Dublin Boulevard, Suite 128, Dublin, CA 94568, US, US (Residence), US (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

SIT Ho Wing, 66 Corte Del Caballo, Moraga, CA 94556, US, US (Residence), US (Nationality), (Designated only for: US)

Legal Representative:

MAHBOUBIAN Ramin (agent), P.O. Box 70250, Oakland, CA 94612-0250, US

Patent and Priority Information (Country, Number, Date):

Patent: WO 200665595 A2 20060622 (WO 0665595)

Application: WO 2005US44240 20051206 (PCT/WO US2005044240)

Priority Application: US 2004637017 20041217; US 2005215562 20050829

Designated States:

(All protection types applied unless otherwise stated - for applications 2004+)

AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM  
DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KM KN KP KR  
KZ LC LK LR LS LT LU LV LY MA MD MG MK MN MW MX MZ NA NG NI NO NZ OM PG  
PH PL PT RO RU SC SD SE SG SK SL SM SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW

(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LT LU LV MC NL  
PL PT RO SE SI SK TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English  
Fulltext Word Count: 11176

International Patent Class (v8 + Attributes)  
IPC + Level Value Position Status Version Action Source Office:  
G06F-0017/50  
Fulltext Availability:  
Detailed Description

Detailed Description  
... that call be provided for these categories of functions.

16  
Table 2  
Performance based functions.

Sound Transmission . This function can be used to  
0 measure the impact of nearby traffic noise and sound passing on  
certain living space within a building  
0 measure of the impact of wall density to sound  
0 etc.

Heat transmission . This function can be used to  
0 measure heat loss of a building  
0 measure of insulation to energy saving  
0 etc.

Etc.  
Non- Performance based functions.

Distance function that measures distances between objects. This  
function  
can be used...

11/3,K/6 (Item 3 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00459165 \*\*Image available\*\*  
UNIVERSAL EPISTEMOLOGICAL MACHINE (A.K.A. ANDROID)  
MACHINE EPISTEMOLOGIQUE UNIVERSELLE (ANDROIDE A.K.A.)  
Patent Applicant/Assignee:  
DATIG William E,  
Inventor(s):  
DATIG William E,  
Patent and Priority Information (Country, Number, Date):  
Patent: WO 9849629 A1 19981105  
Application: WO 98US8527 19980427 (PCT/WO US9808527)  
Priority Application: US 97847230 19970501; US 97876378 19970616; US  
9833676 19980303

Designated States:  
(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM  
GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX  
NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW GH  
GM KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES  
FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD  
TG

Publication Language: English  
Fulltext Word Count: 265553

Main International Patent Class (v7): G06F-015/18

11/3,K/7 (Item 1 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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0012475886 - Drawing available

WPI ACC NO: 2002-422639/200245

XRPX ACC No: N2002-332751

Attachment structure of impedance element for noise reduction for transmission line, has additional impedance element connected to line at position where current is peak and noise frequency level exceeds preset value

Patent Assignee: MURATA MFG CO LTD (MURA)

Inventor: TSUBOUCHI T

Patent Family (3 patents, 2 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	
JP 2002101052	A	20020405	JP 2000292554	A	20000926	200245	B
US 20020050871	A1	20020502	US 2001954609	A	20010917	200245	E
US 6566974	B2	20030520	US 2001954609	A	20010917	200336	E

Priority Applications (no., kind, date): JP 2000292554 A 20000926

#### Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
JP 2002101052	A	JA	7	12		

#### Class Codes

(Additional/Secondary): G06F-017/50 ...

... G06F-003/00

#### Original Publication Data by Authority

#### Original Abstracts:

...second noise-reduction impedance elements which are electrically connected to a transmission path. A noise frequency that exceeds a predetermined limit when the first noise-reduction impedance element is connected is measured or calculated by simulation to find the current peak. The second noise-reduction impedance element is connected at a location corresponding to the current peak. Therefore, this structure provides high noise suppression performance.

...

...which are electrically connected to a transmission path. A noise frequency that exceeds a predetermined limit when the first noise-reduction impedance element is connected is measured or calculated by simulation to find the current peak. The second noise-reduction impedance element is connected at a location corresponding to the current peak. Therefore, this structure provides high noise suppression performance.